SA-WSLF1

SERVICE MANUAL

Ver 1.0 2004.08

US Model
Canadian Model
AEP Model
UK Model
E Model

- SA-WSLF1 is amplifier/subwoofer and tuner system in DAV-LF1.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:	With 4 ohm loads, both channels driven, from 200 – 20,000 Hz; rated 65 watts per channel minimum RMS power, with no more than 0.7 % total harmonic distortion from 250 milli watts to rated output.

Amplifier section

Stereo mode (rated)	86 W + 86 W (4 ohms at 1 kHz, THD 10 %)
Surround mode (reference) music power output	Front: 86 W (each) (with SS-TSLF1) Center*: 86 W (with SS-CTLF1) Surround (R)*: 86 W (with SS-TSLF1W) Surround (L): 86 W (with SA-TSLF1) Subwoofer*: 85 W × 2 (with SA-WSLF1)

* *Depending on the sound field settings and the source, there may be no sound output.*

Inputs	VIDEO/TV/SAT: Sensitivity: 300 mV Impedance: 50 kilohms
Phones	Accepts low-and high-impedance headphones.

Tuner section

System	PLL quartz-locked digital synthesizer system
FM tuner section	
Tuning range	87.5 – 108.0 MHz (50 kHz step)
Antenna (aerial)	FM wire antenna (aerial)
Antenna (aerial) terminals	75 ohms, unbalanced
Intermediate frequency	10.7 MHz
AM tuner section	
Tuning range	
Middle Easten models:	531 – 1,602 kHz (with the interval set at 9 kHz)
Other models:	531 – 1,602 kHz (with the interval set at 9 kHz) 530 – 1,710 kHz (with the interval set at 10 kHz)
Antenna (aerial)	AM loop antenna (aerial)
Intermediate frequency	450 kHz

Video section

Outputs	Video: Vp-p 75 ohms S video: Y: 1 Vp-p 75 ohms C: 0.286 Vp-p 75 ohms COMPONENT: Y: 1 Vp-p 75 ohms P_B/C_B, P_R/C_R: 0.7 Vp-p 75 ohms
Inputs	Video: 1 Vp-p 75 ohms

Subwoofer

Speaker system	Bass reflex
Speaker unit	180 mm ($7\ ^1/_8$ inches) dia. cone type
Rated impedance	4 ohms × 2
Dimensions (approx.)	241 × 606 × 241 mm ($9\ ^1/_2 \times 23\ ^7/_8 \times 9\ ^1/_2$ inches) (w/h/d)
Mass (approx.)	14 kg (30 lb 14 oz)
Power requirements	
North American and Mexican models:	120 V AC, 60 Hz
Taiwan model:	120 V AC, 50/60 Hz
Other models:	220-240 V AC, 50/60 Hz
Power consumption	120 W 0.3 W (at the Power Saving mode)

Design and specifications are subject to change without notice.

ACTIVE SUBWOOFER

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Audio Group
Published by Sony Engineering Corporation

SONY

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

UNLEADED SOLDER

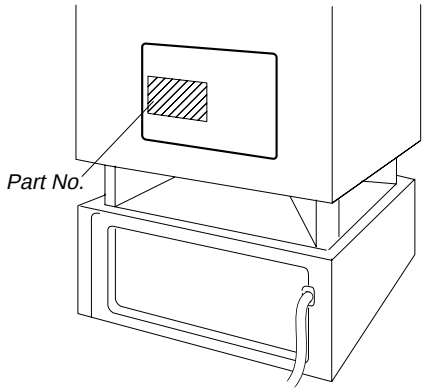
Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 °C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscou-s (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

MODEL IDENTIFICATION
– Rear Side –



Model Name	Part No.
AEP, UK, Russian models	2-318-584-0□
US, CND models	2-320-434-0□
EA, E41 models	2-320-799-0□
MX model	2-320-800-0□
KR model	2-320-801-0□
SP, HK models	

• Abbreviation

CND	: Canadian model.	KR	: Korea model.
E41	: Chilean and peruvian models.	MX	: Mexican model.
EA	: Saudi Arabia model.	RU	: Russian model.
HK	: Hong Kong model.	SP	: Singapore model.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

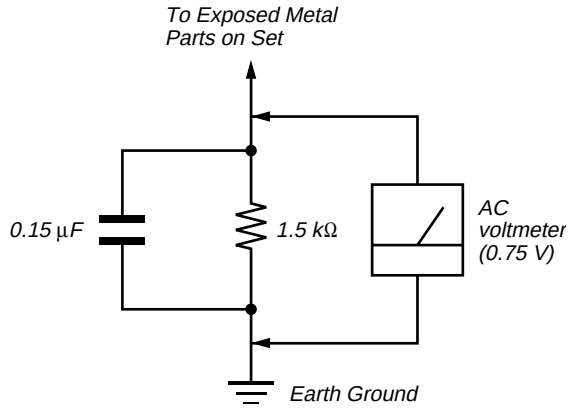


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COM- POSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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SECTION 1
SERVICING NOTES

• The units that are required for the system operation check during repair service

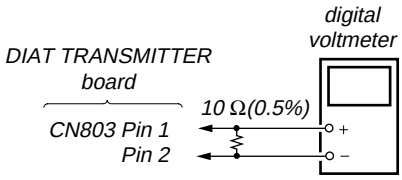
Units required for operation check / Unit. need to checking	DVD player : HCD-LF1	Sub woofer : SA-WSLF1	Front speaker : SS-TSLF1(R) SS-TSLF1L(L)	Center speaker : SS-CTLF1	Surround speaker : SS-TSLF1W(R) SA-TSLF1(L)	Remote commander : RM-SP320
DVD player : HCD-LF1	○	○				○
Sub woofer : SA-WSLF1	○	○				○
Front speaker : SS-TSLF1(R) SS-TSLF1L(L)	○	○	○*1			○
Center speaker : SS-CTLF1				○		
Surround speaker : SS-TSLF1W(R) SA-TSLF1(L)	○	○	○*2		○*1	○
Remote commander : RM-SP320						○

*1 Only the defective unit. *2 Either one of them.
Units with ○ mark: The units that are required for the system operation check during repair service
However, there can be a case that some units of the system need to not be brought into repair shop depending on the unit. that became defective.

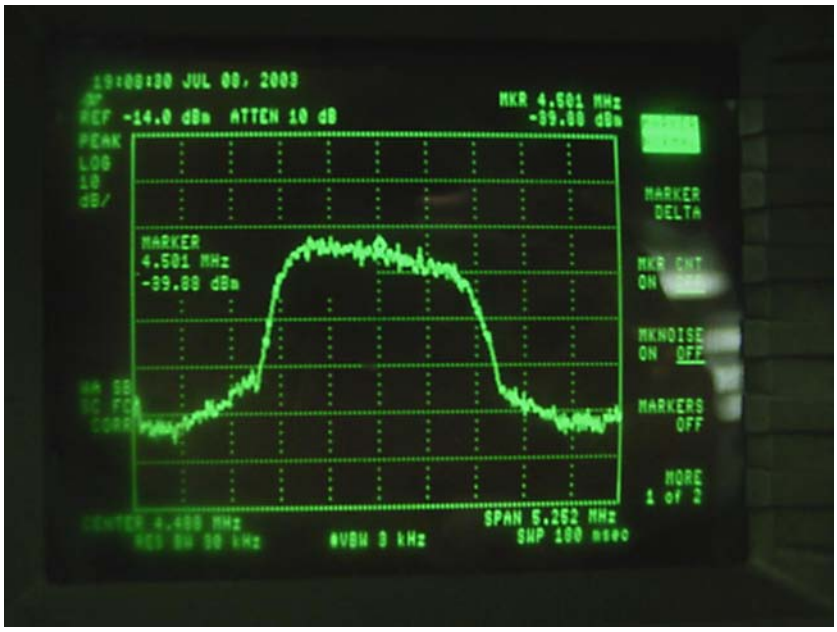
[The check method of the output signal from DIAT TRANSMITTER board]

Procedure:

1. A spectrum analyzer is connected to pin 2 and pin 1 of the output connector CN803 of DIAT TRANSMITTER board.

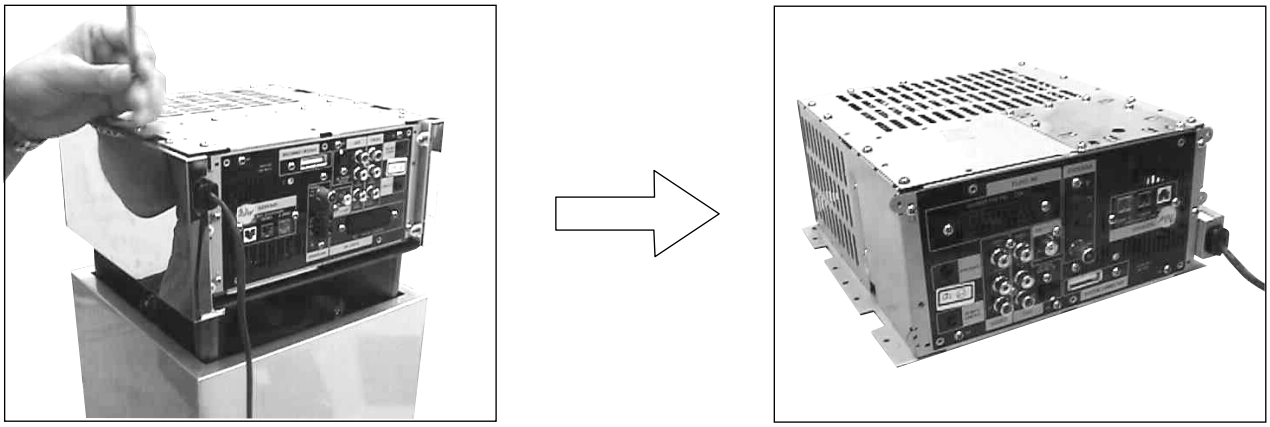


2. Confirm that it is spectrum as shown in a figure with the spectrum analyzer. It is normal if the signal of a 3MHz to 6MHz zone (a center is 4.5MHz) can be checked.

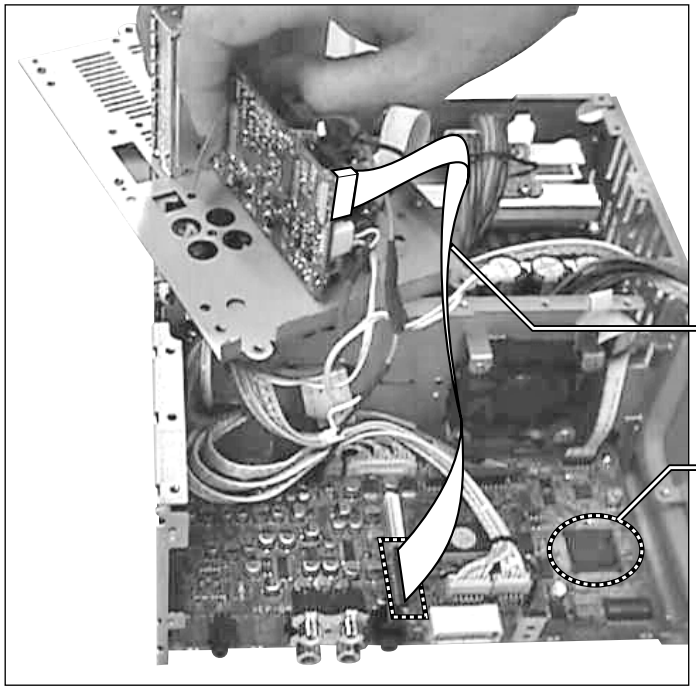


3. When the output signal from DIAT TRANSMITTER board is normal, pin 8 (SDATA), pin 4 (LRCKO) and pin 5 (BCKO) of the input signal connector CN801 are investigated.

• **NOTE:**
Turn the woofer upside down and remove the AMP block.



• **SERVICING POSITION (SW-MAIN Board)**


Connect the SW-MAIN board and the VIDEO-I/O board using the extension cable and check the SW-MAIN board.
J-2501-245-A (1mm/23P/L300)
IC525 on the SW-MAIN board

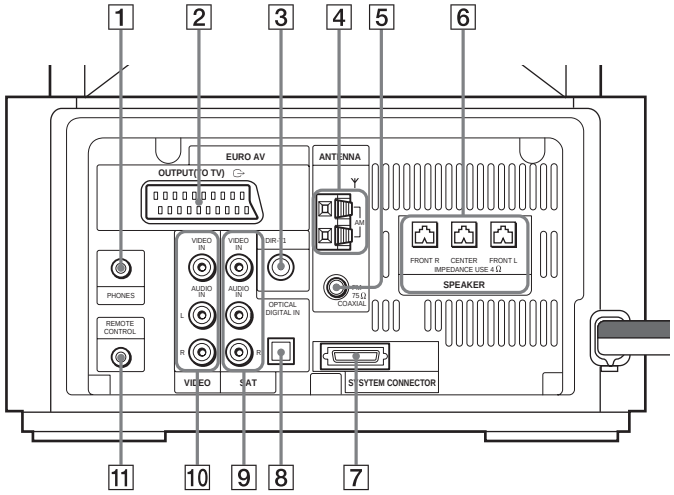
• **CAUTION:**
Keep your eyes 10 cm or more away from the infrared laser unit (DIR-T1).
Do not view directly the laser beam.

SECTION 2
GENERAL

This section is extracted from instruction manual.

(AEP, UK, Russian models)

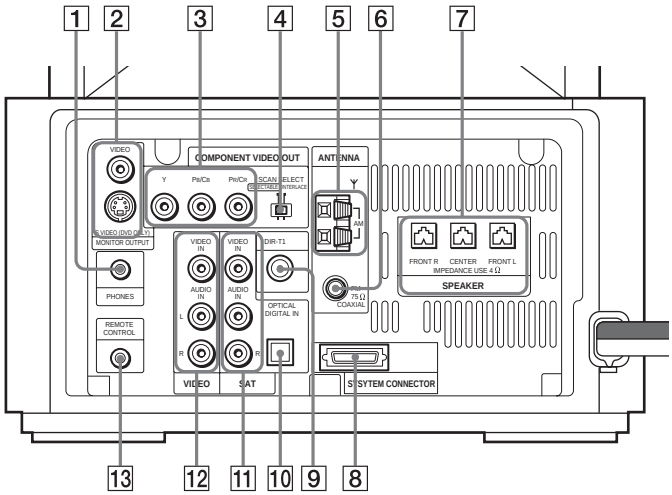
Subwoofer (Rear Panel)



1. **PHONES jack (39)**
2. **EURO AV OUTPUT (TO TV) ⇨ jacks (25)**
3. **DIR-T1 jack (18)**
4. **AM terminals (23)**
5. **FM 75Ω COAXIAL jack (23)**
6. **SPEAKER jacks (18)**
7. **SYSTEM CONNECTOR jack (15)**
8. **SAT OPTICAL DIGITAL IN jack (26)**
9. **SAT (VIDEO IN/AUDIO IN (L/R)) jacks (25)**
10. **VIDEO (VIDEO IN/AUDIO IN (L/R)) jacks (25)**
11. **REMOTE CONTROL jack (18)**

(EXCEPT AEP, UK, Russian models)

Subwoofer (Rear Panel)



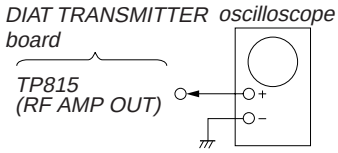
1. **PHONES jack (41)**
2. **MONITOR OUTPUT (VIDEO/S VIDEO) jacks (25)**
3. **COMPONENT VIDEO OUT jacks (25)**
4. **COMPONENT VIDEO OUT/SCAN SELECT switch (88)**
5. **AM terminals (23)**
6. **FM 75Ω COAXIAL jack (23)**
7. **SPEAKER jacks (18)**
8. **SYSTEM CONNECTOR jack (15)**
9. **DIR-T1 jack (18)**
10. **SAT OPTICAL DIGITAL IN jack (26)**
11. **SAT (VIDEO IN/AUDIO IN (L/R)) jacks (25)**
12. **VIDEO (VIDEO IN/AUDIO IN (L/R)) jacks (25)**
13. **REMOTE CONTROL jack (18)**

SECTION 3
ELECTRICAL ADJUSTMENT

DIAT SIGNAL RF LEVEL ADJUSTMENT

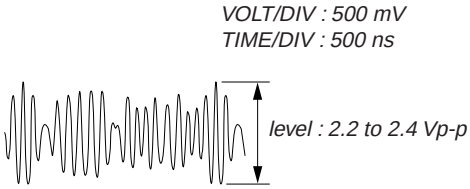
This adjustment is performed in order to adjust the transmission distance of RF signal for DIAT communication.

Connection:



Procedure:

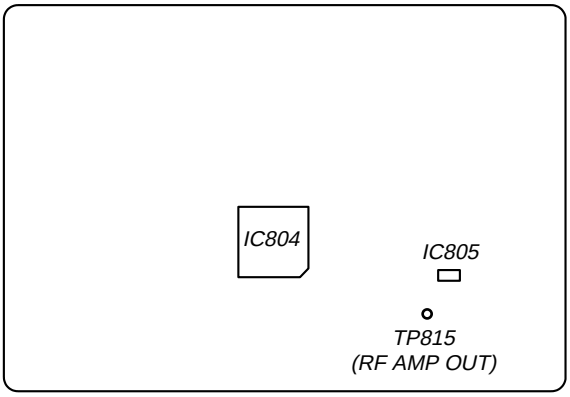
1. Connect the oscilloscope to TP815 (RF AMP OUT) and GND on the DIAT TRANSMITTER board.
2. Connect DIR-T1 to DIR-T1 jack (J908).
3. Adjust RV801 on the DIAT TRANSMITTER board so that the center of waveform becomes Trig level 1.05 Vp-p.
   (*Trigger position: –4 div)
4. Confirm trigger is locked.
5. Adjust RV801 on the DIAT TRANSMITTER board so that the center of waveform becomes 2.2 to 2.4 Vp-p.



RF Signal Reference Waveform

Adjustment Location:

– DIAT TRANSMITTER Board (SIDE A) –



SECTION 4
DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

For Schematic Diagrams.
Note:

- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

- ▬ : B+ Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : DVD STOP
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  - : AUDIO
  - : TUNER
  - : CD PLAY
  - : DVD PLAY
  - : VIDEO
  - : Y
  - : CHROMA
  - : COMPONENT VIDEO
  - : R, G, B
  - : AUX IN (AUDIO)
  - : DIGITAL IN
  - : AUX IN (VIDEO)

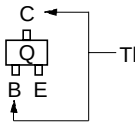
For Printed Wiring Boards.
Note:

- ○——○ : parts extracted from the component side.
- ○ : Through hole.
- ▬ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:
Pattern face side: (SIDE A) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (SIDE B) Parts on the parts face side seen from the parts face are indicated.

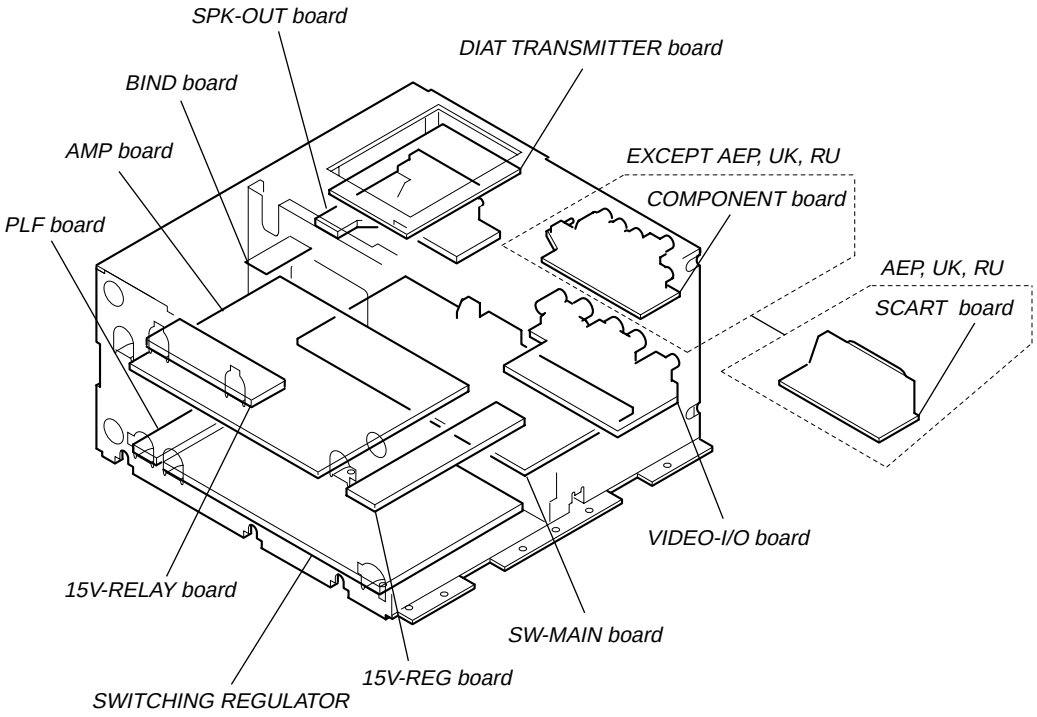
- Indication of transistor.



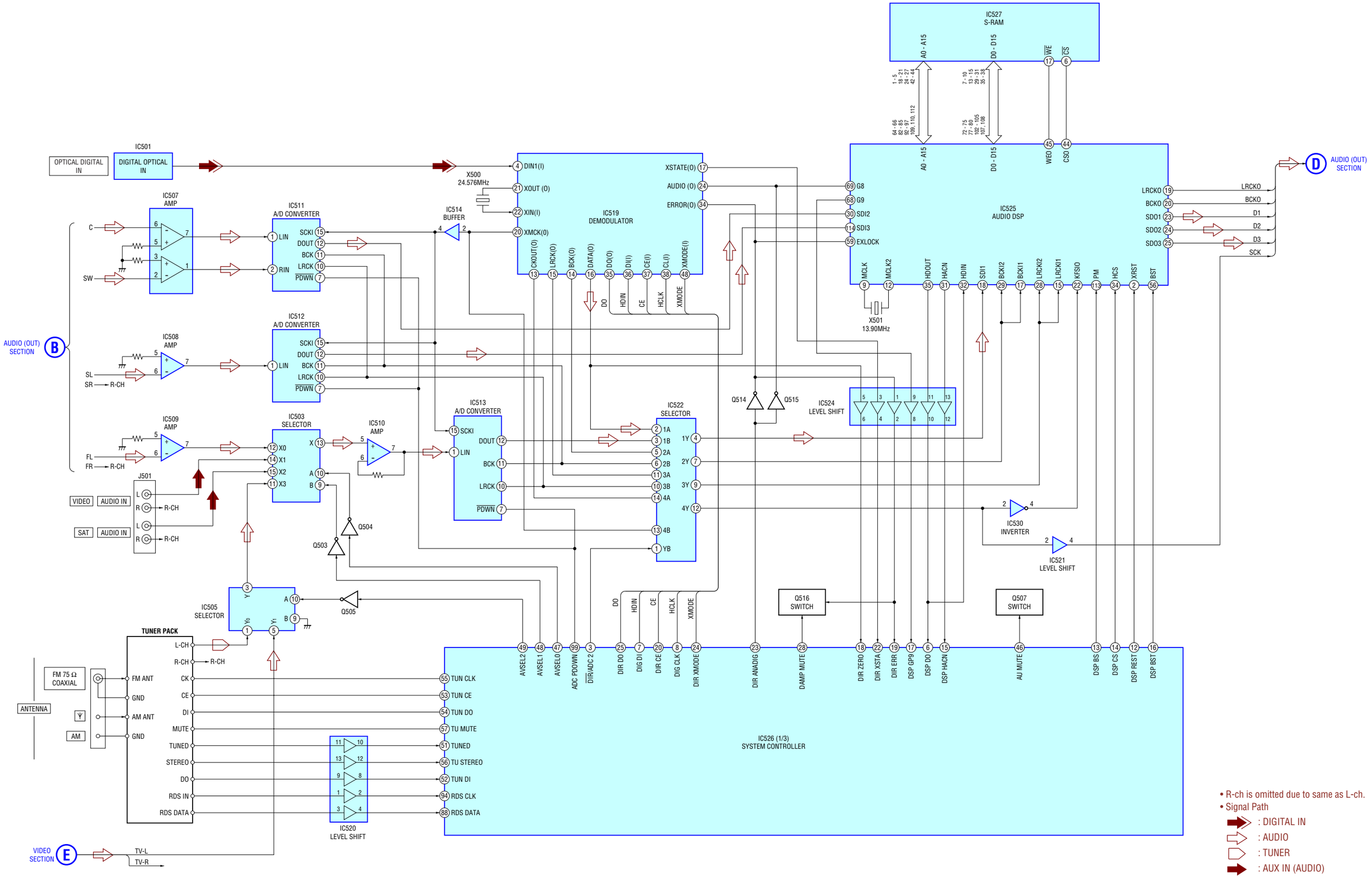
These are omitted.

- Abbreviation
  - CND : Canadian model.
  - E41 : Chilean and peruvian models.
  - EA : Saudi Arabia model.
  - HK : Hong Kong model.
  - KR : Korea model.
  - MX : Mexican model.
  - RU : Russian model.
  - SP : Singapore model.

- **Circuit Boards Location**



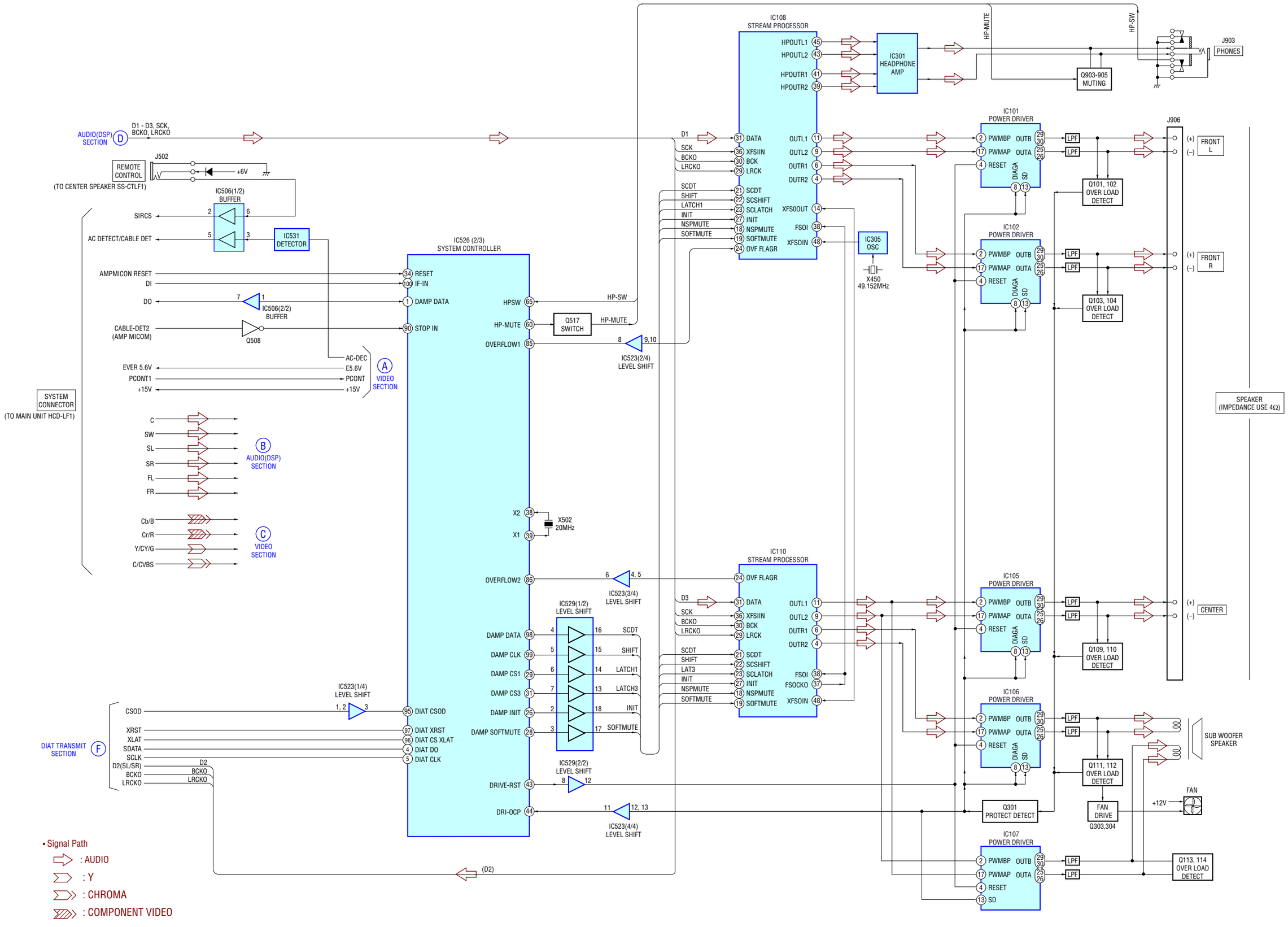
4-1. BLOCK DIAGRAM — AMP (DSP) SECTION —



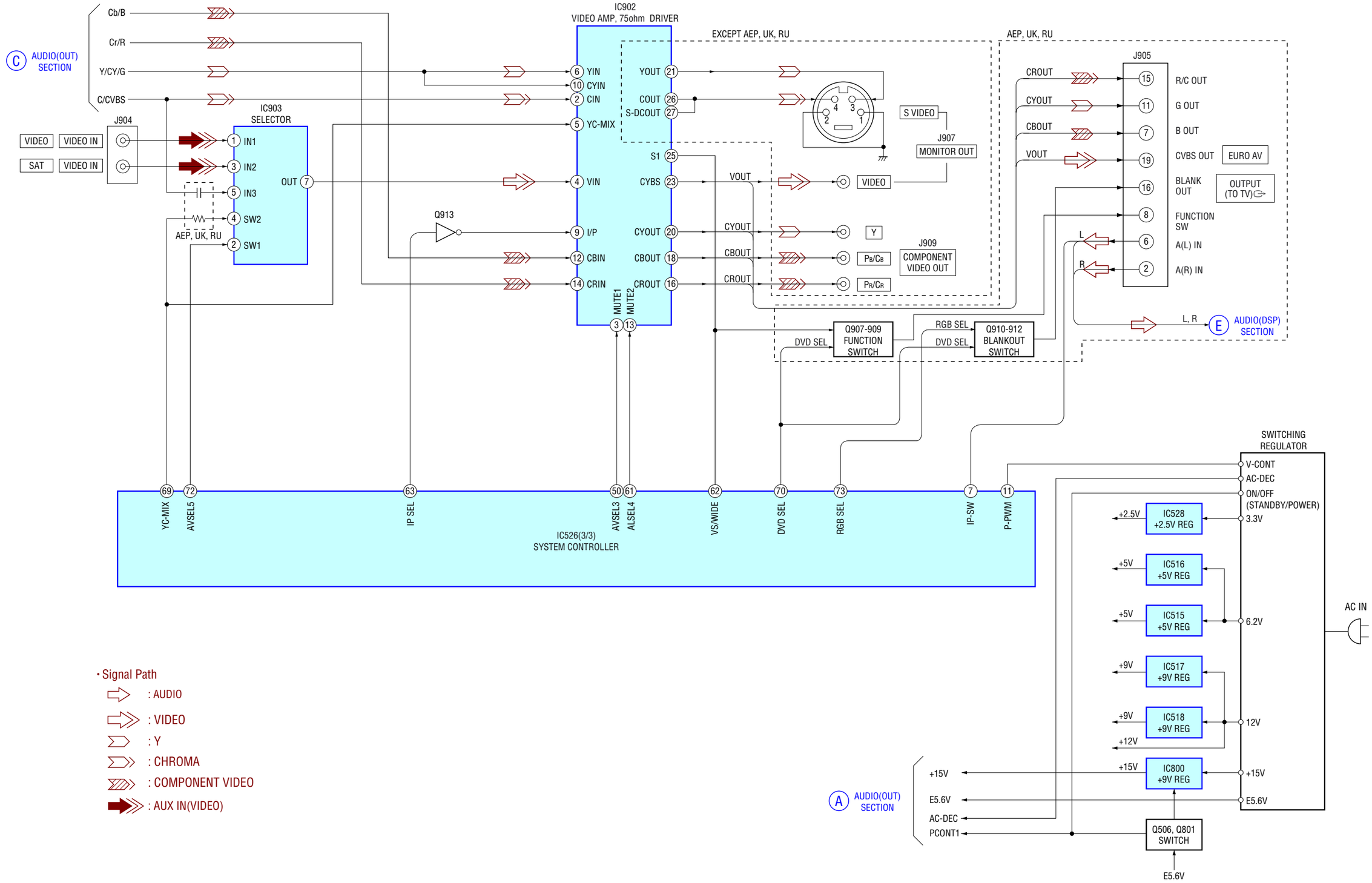
- R-ch is omitted due to same as L-ch.
- Signal Path
  - : DIGITAL IN
  - : AUDIO
  - : TUNER
  - : AUX IN (AUDIO)

SA-WSLF1

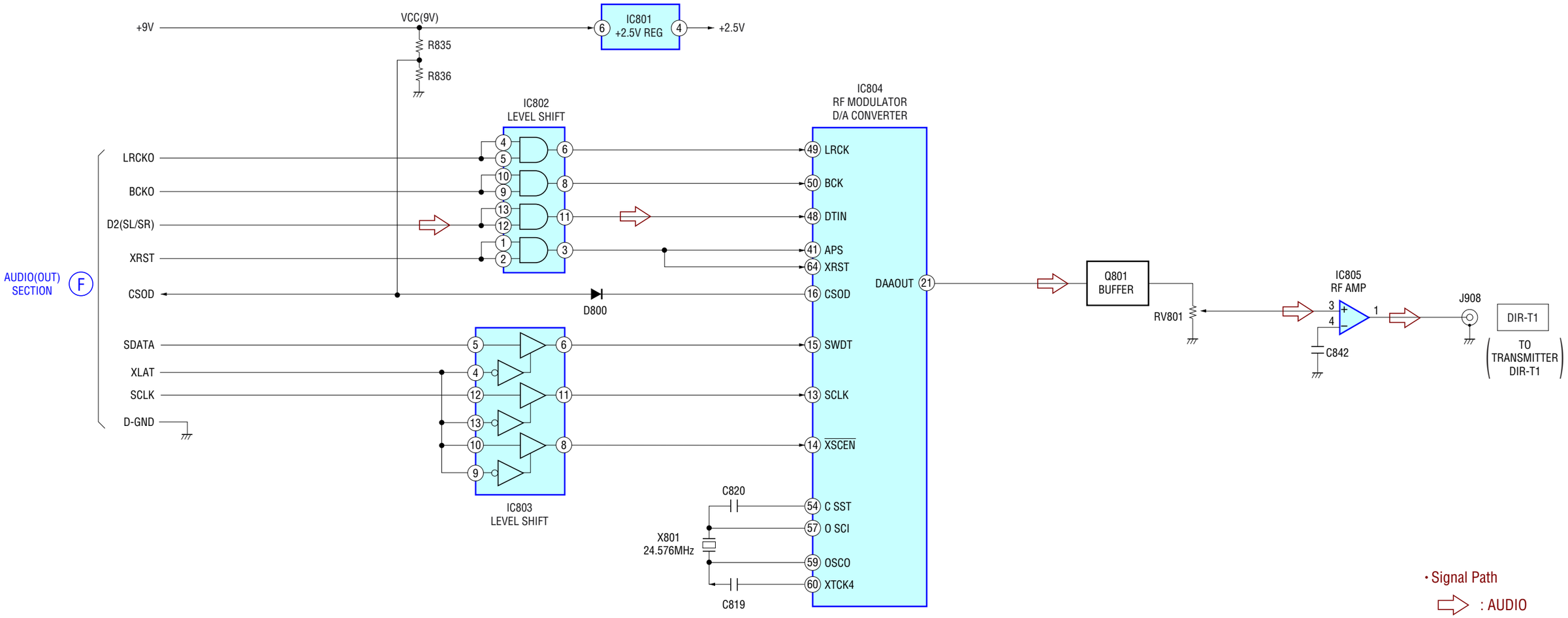
— AUDIO (OUT) SECTION —



— VIDEO SECTION —



— DIAT TRANSMITTER SECTION —

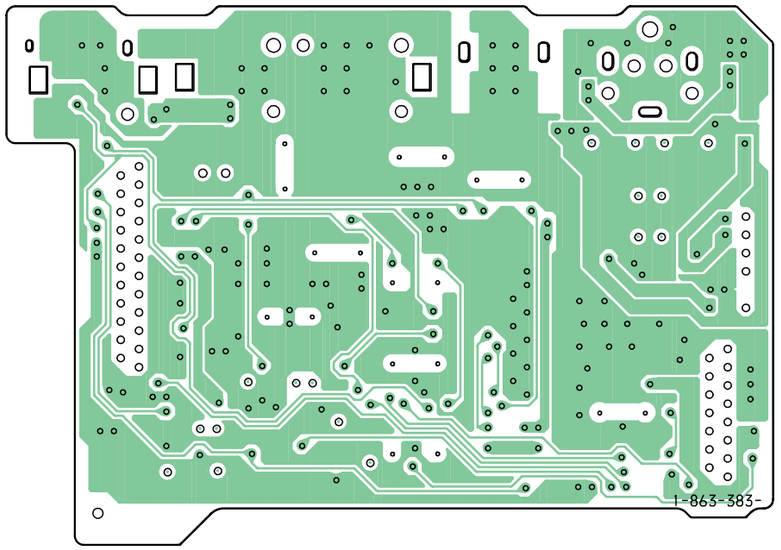


• Signal Path
: AUDIO

4-2. PRINTED WIRING BOARD — JACK COMB SECTION (SIDE A) — :Uses unleaded solder. • See page 8 for Circuit Boards Location.

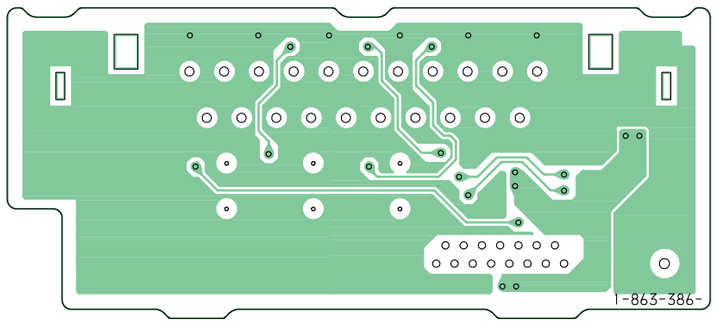
	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

【VIDEO-I/O BOARD】(SIDE A)

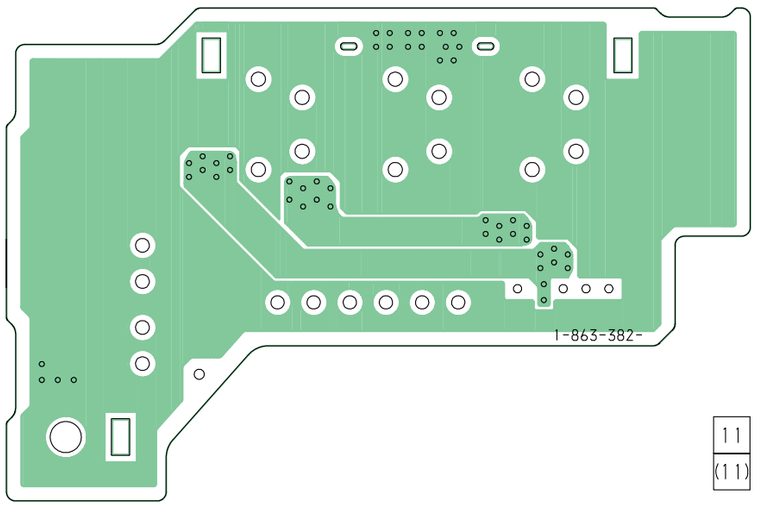


AEP,UK,RU

【SCART BOARD】(SIDE A)

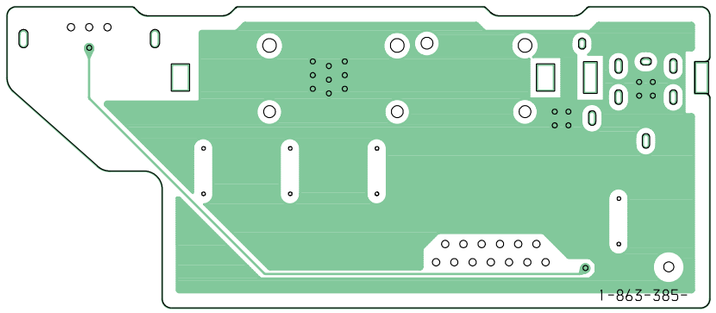


【SPK-OUT BOARD】(SIDE A)



EXCEPT AEP,UK,RU

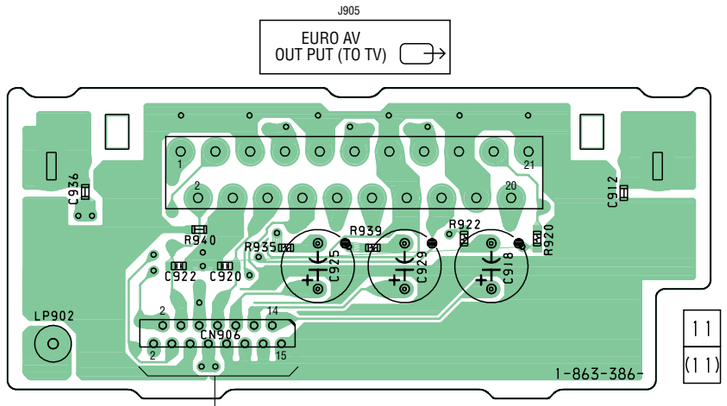
【COMPONENT BOARD】(SIDE A)



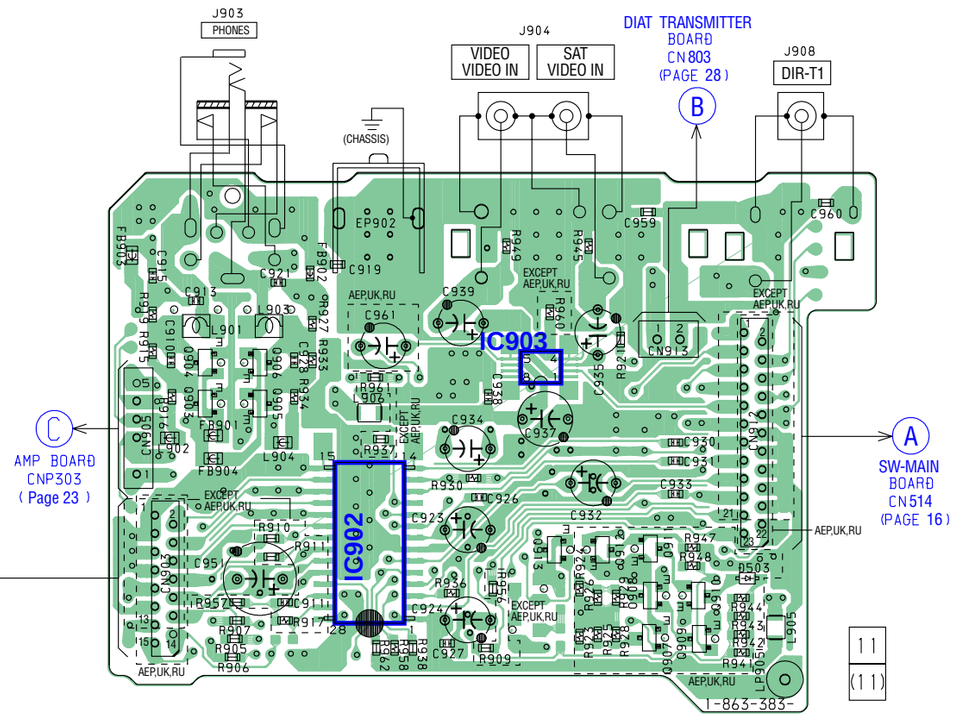
4-3. PRINTED WIRING BOARD — JACK COMB SECTION (SIDE B) — :Uses unleaded solder. • See page 8 for Circuit Boards Location.

AEP,UK,RU

【SCART BOARD】(SIDE B)

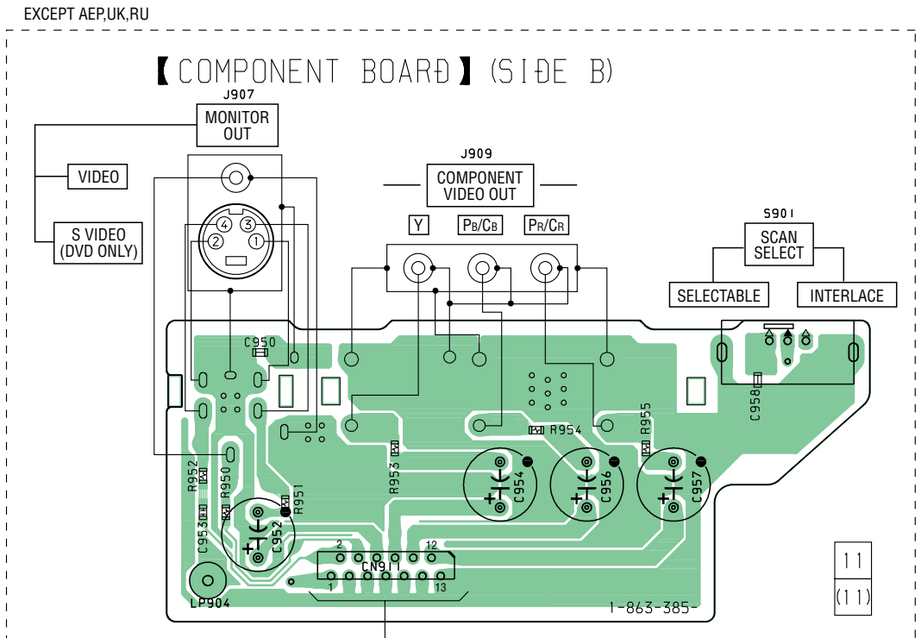


【VIDEO-I/O BOARD】(SIDE B)

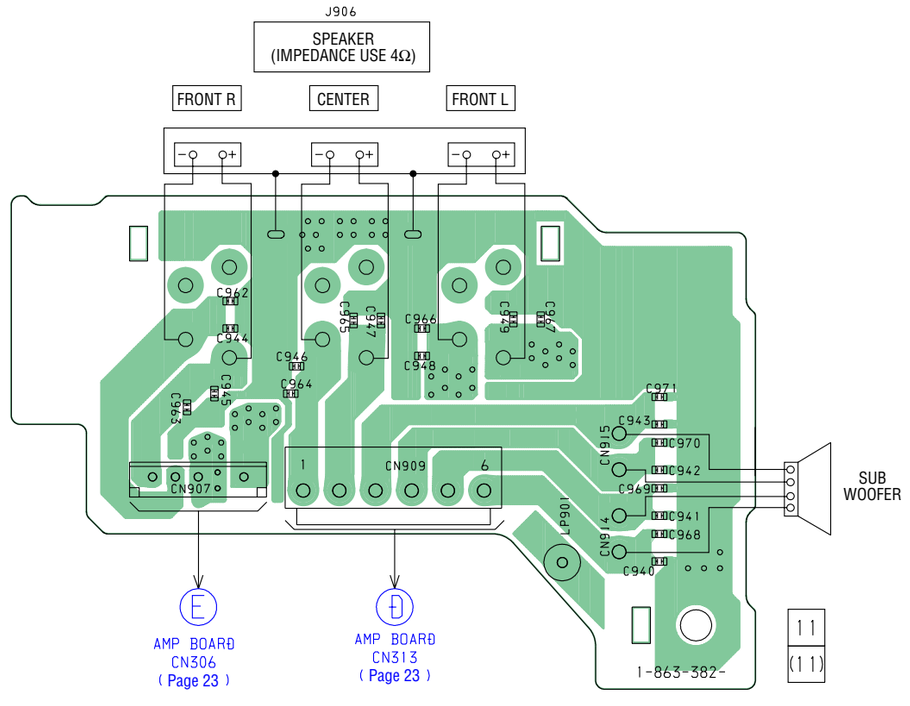


EXCEPT AEP,UK,RU

【COMPONENT BOARD】(SIDE B)



【SPK-OUT BOARD】(SIDE B)

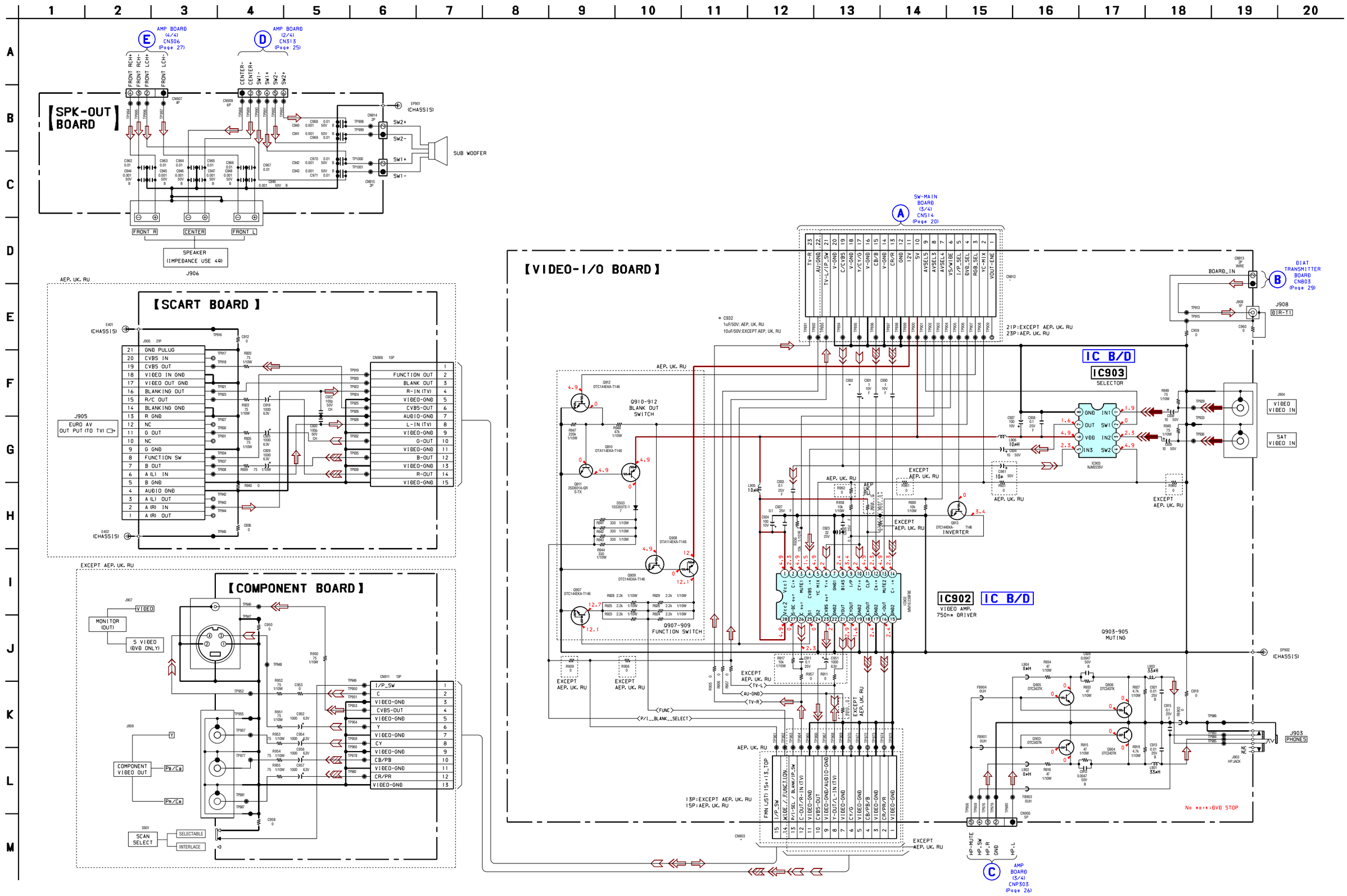


- **Semiconductor Location**

Ref. No.	Location
D503	C-8
IC902	C-6
IC903	B-7
Q903	B-6
Q904	B-6
Q905	B-6
Q906	B-6
Q907	C-8
Q908	C-8
Q909	C-8
Q910	C-8
Q911	C-8
Q912	C-7
Q913	C-7

4-4. SCHEMATIC DIAGRAM — JACK COMB SECTION —

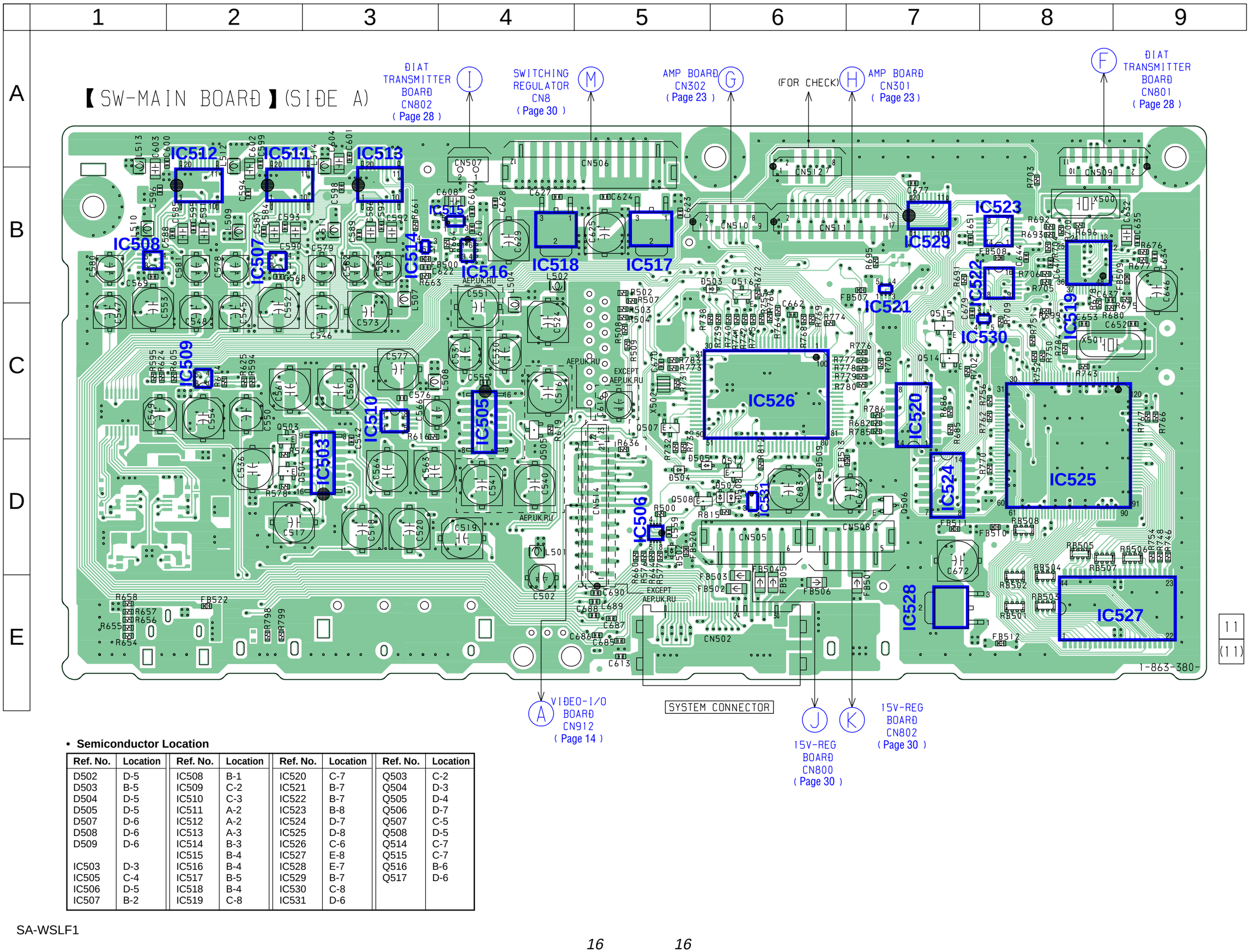
• See page 32 for IC Block Diagrams.



4-5. PRINTED WIRING BOARD — SW-MAIN SECTION (SIDE A) —

:Uses unleaded solder.

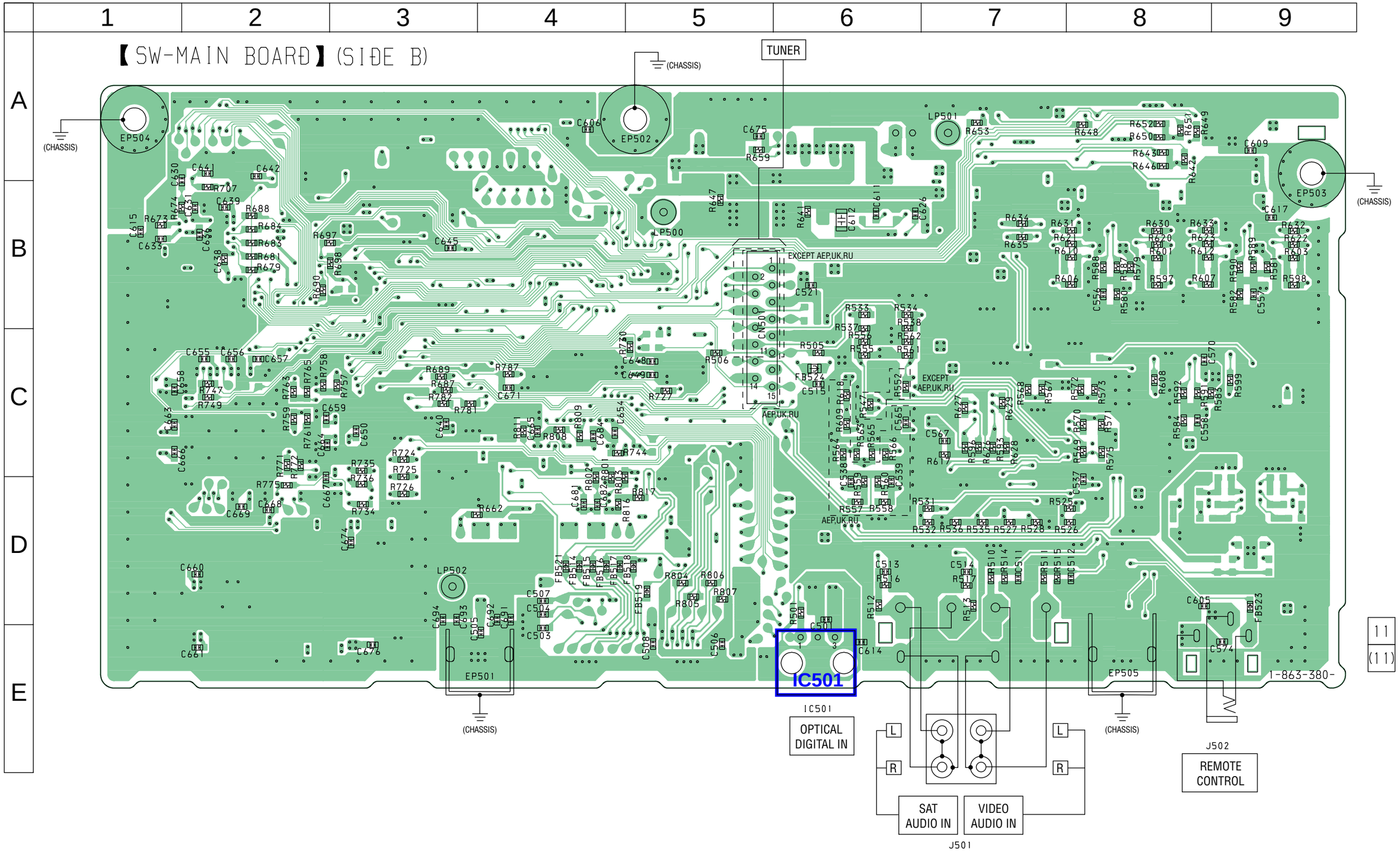
• See page 8 for Circuit Boards Location.



• **Semiconductor Location**

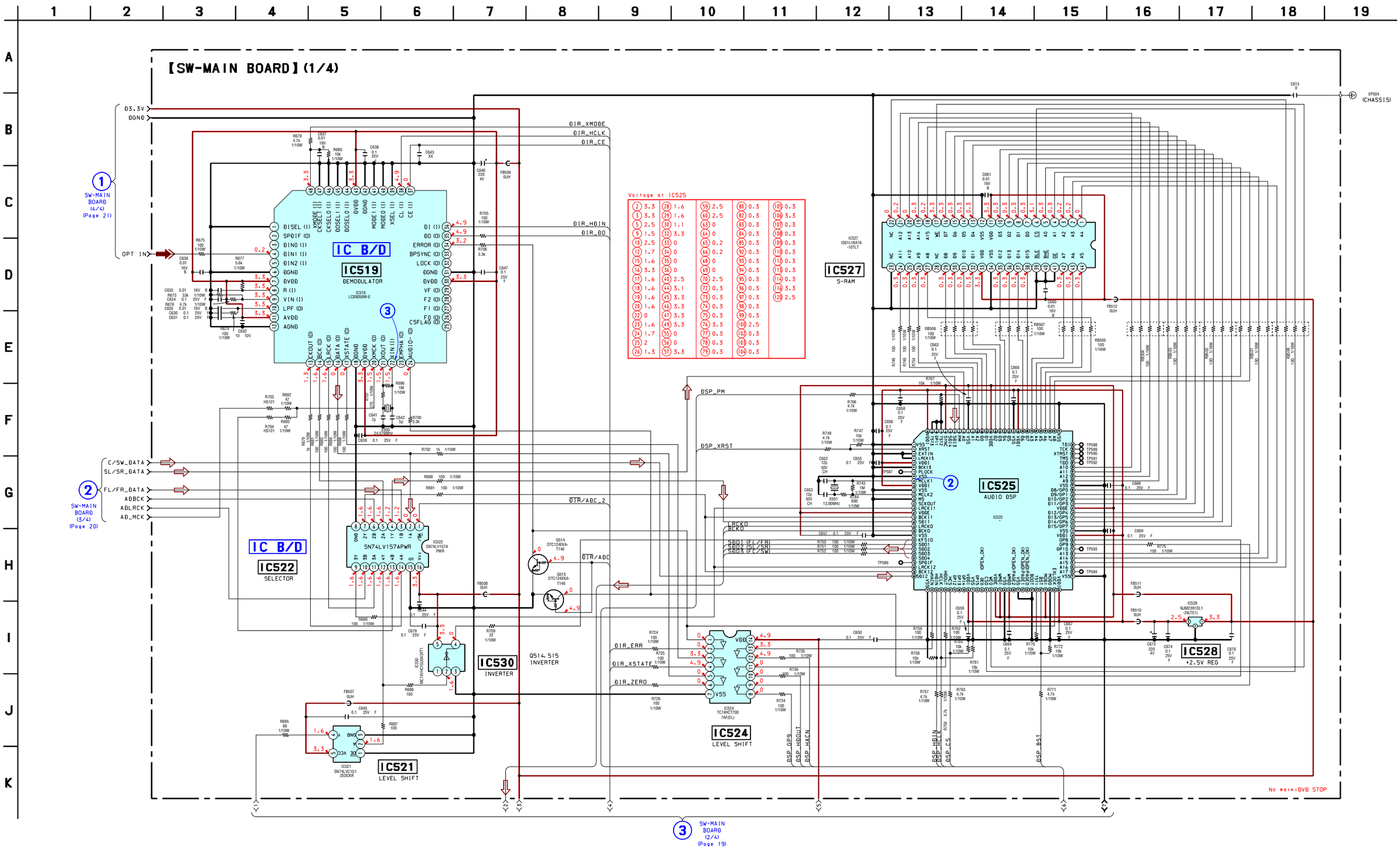
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D502	D-5	IC508	B-1	IC520	C-7	Q503	C-2
D503	B-5	IC509	C-2	IC521	B-7	Q504	D-3
D504	D-5	IC510	C-3	IC522	B-7	Q505	D-4
D505	D-5	IC511	A-2	IC523	B-8	Q506	D-7
D507	D-6	IC512	A-2	IC524	D-7	Q507	C-5
D508	D-6	IC513	A-3	IC525	D-8	Q508	D-5
D509	D-6	IC514	B-3	IC526	C-6	Q514	C-7
		IC515	B-4	IC527	E-8	Q515	C-7
IC503	D-3	IC516	B-4	IC528	E-7	Q516	B-6
IC505	C-4	IC517	B-5	IC529	B-7	Q517	D-6
IC506	D-5	IC518	B-4	IC530	C-8		
IC507	B-2	IC519	C-8	IC531	D-6		

4-6. PRINTED WIRING BOARD — SW-MAIN SECTION (SIDE B) — :Uses unleaded solder. • **See page 8 for Circuit Boards Location.**



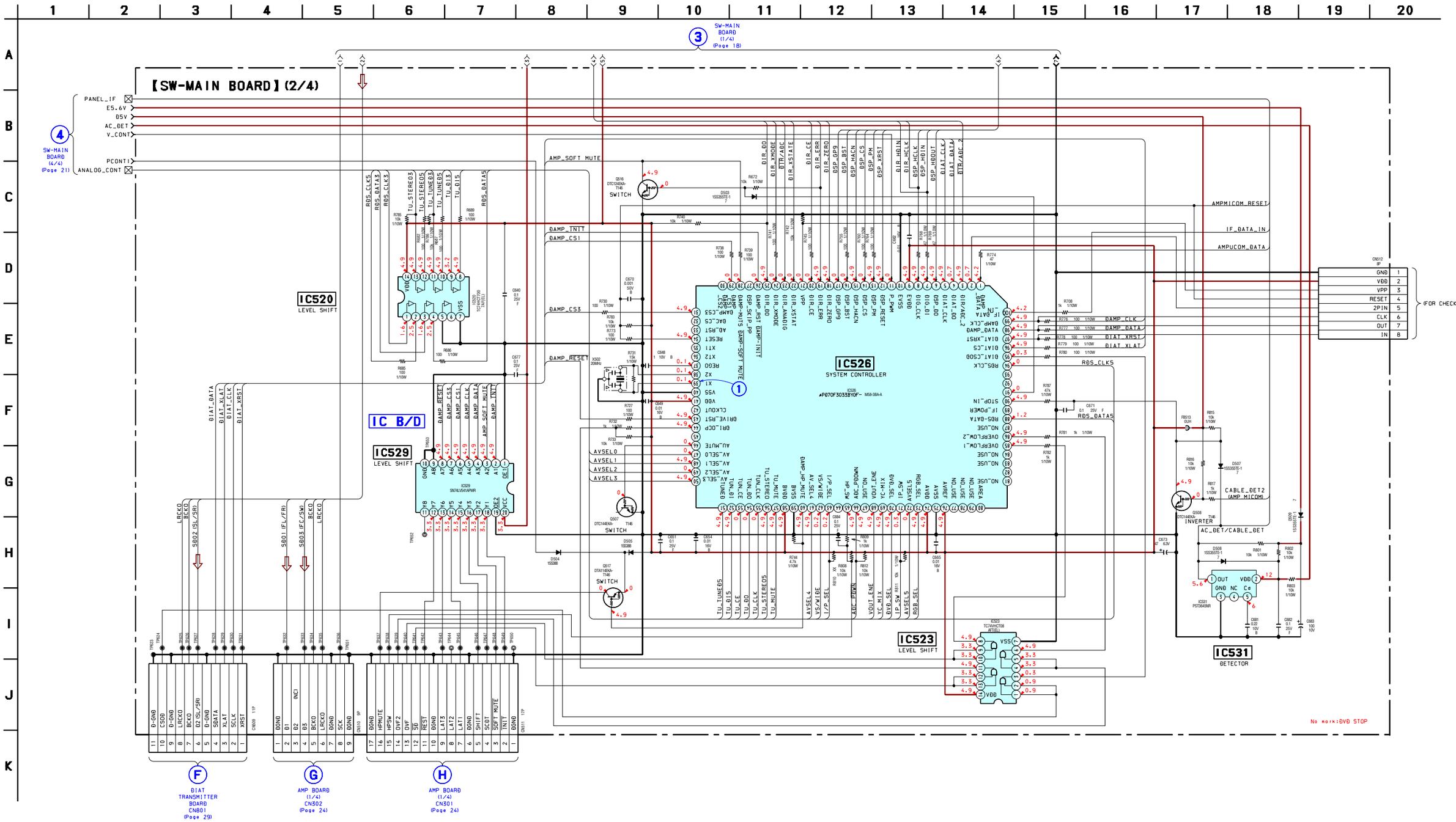
4-8. SCHEMATIC DIAGRAM — SW-MAIN SECTION (1/4) —

• See page 33 for IC Block Diagrams. • See page 32 for Waveforms. • See page 36 for IC Pin Function Description.



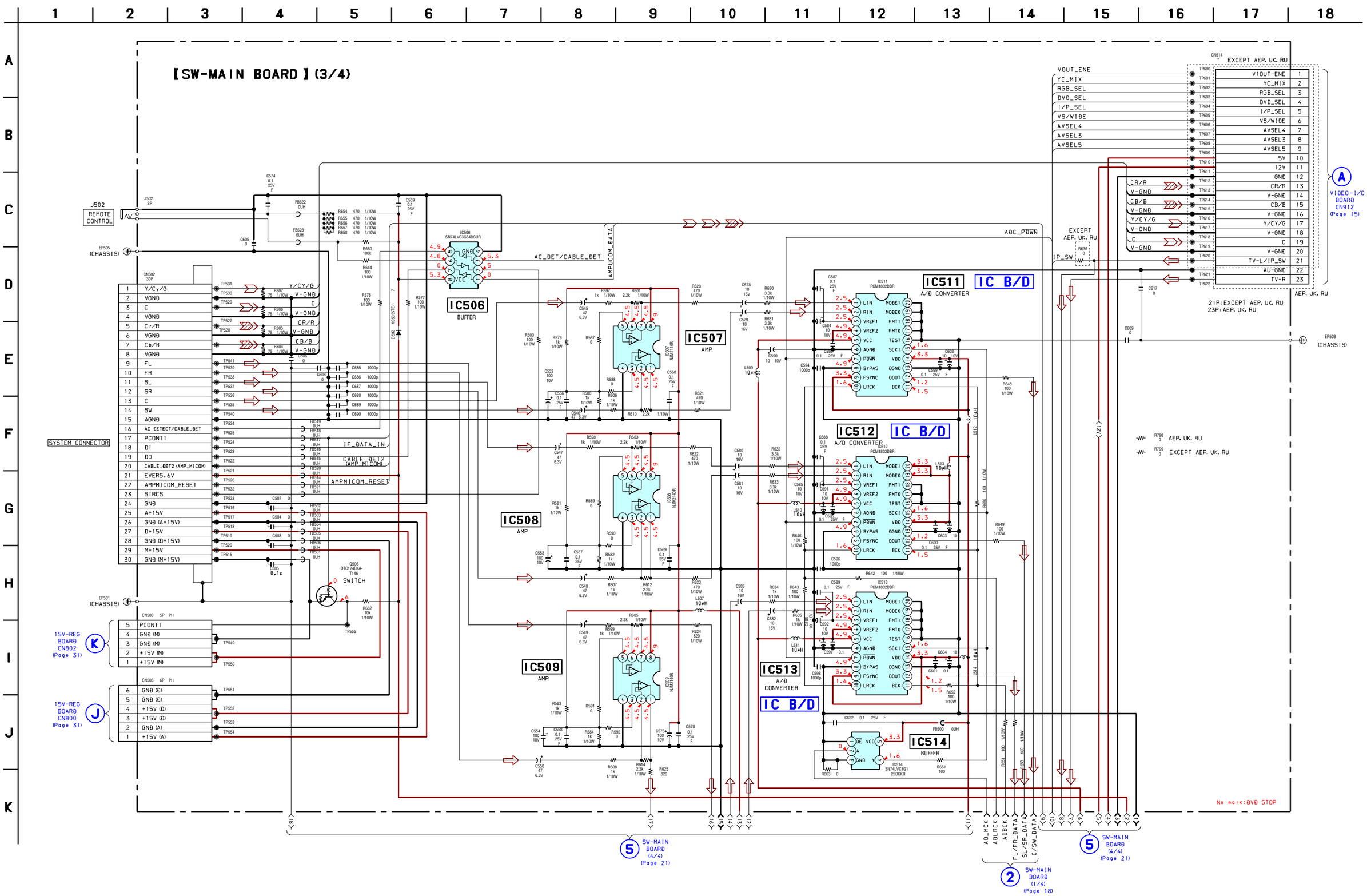
4-9. SCHEMATIC DIAGRAM — SW-MAIN SECTION (2/4) —

• See page 32 for IC Block Diagrams. • See page 32 for Waveforms. • See page 39 for IC Pin Function Description.



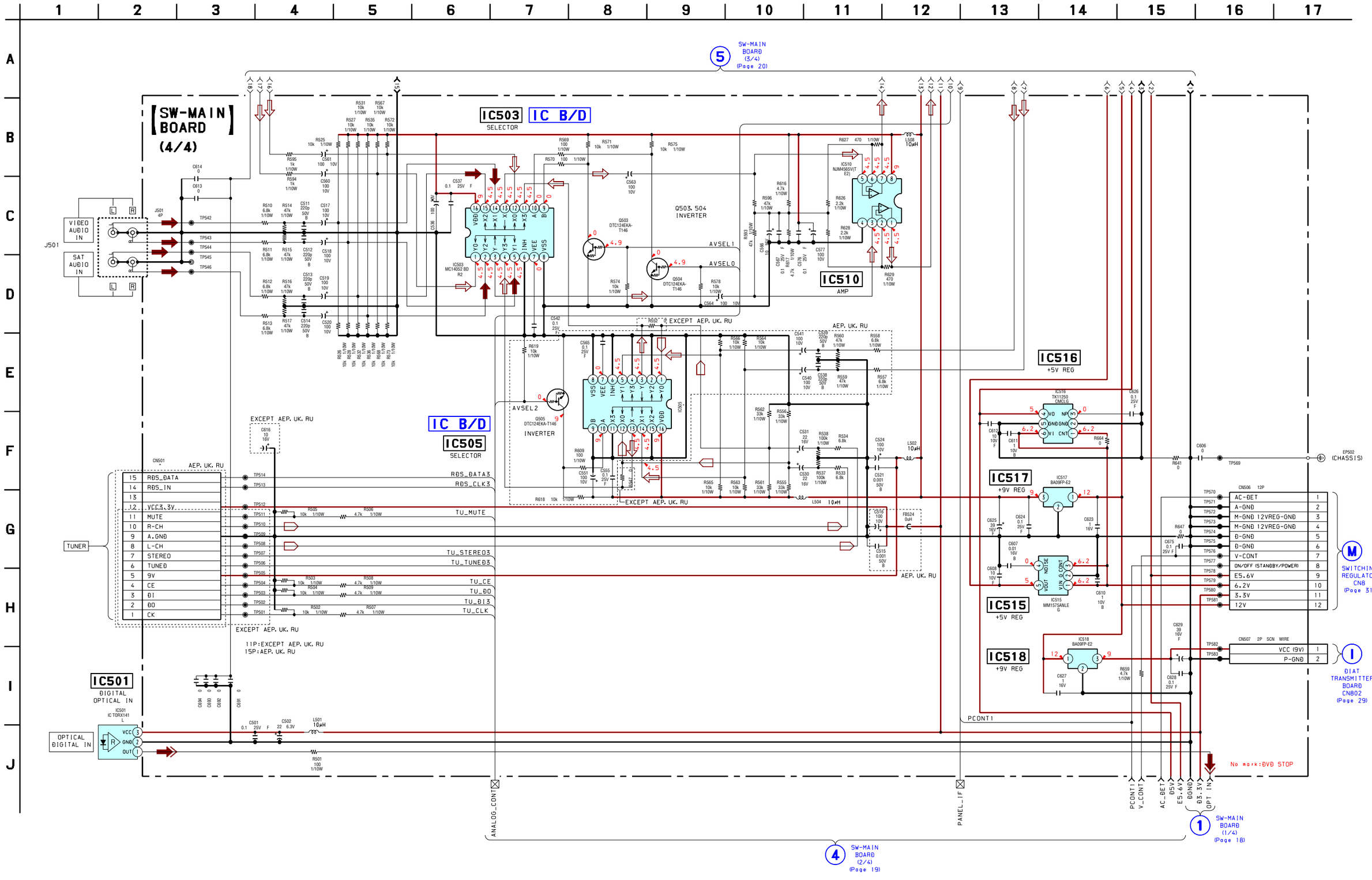
4-10. SCHEMATIC DIAGRAM — SW-MAIN SECTION (3/4) —

• See page 33 for IC Block Diagrams.



4-11. SCHEMATIC DIAGRAM — SW-MAIN SECTION (4/4) —

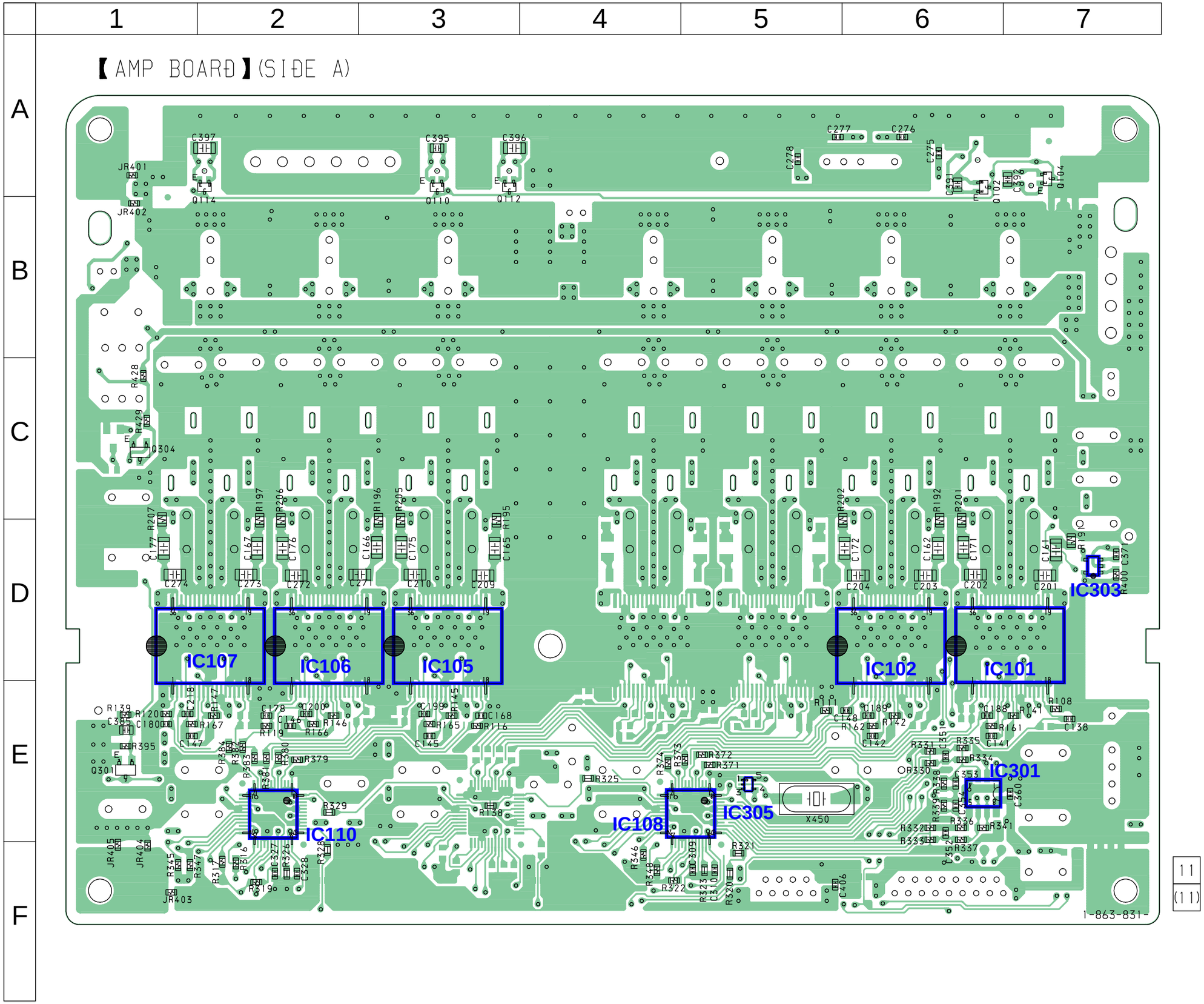
• See page 33 for IC Block Diagrams.



4-12. PRINTED WIRING BOARD — AMP SECTION (SIDE A) —

:Uses unleaded solder. • See page 8 for Circuit Boards Location.

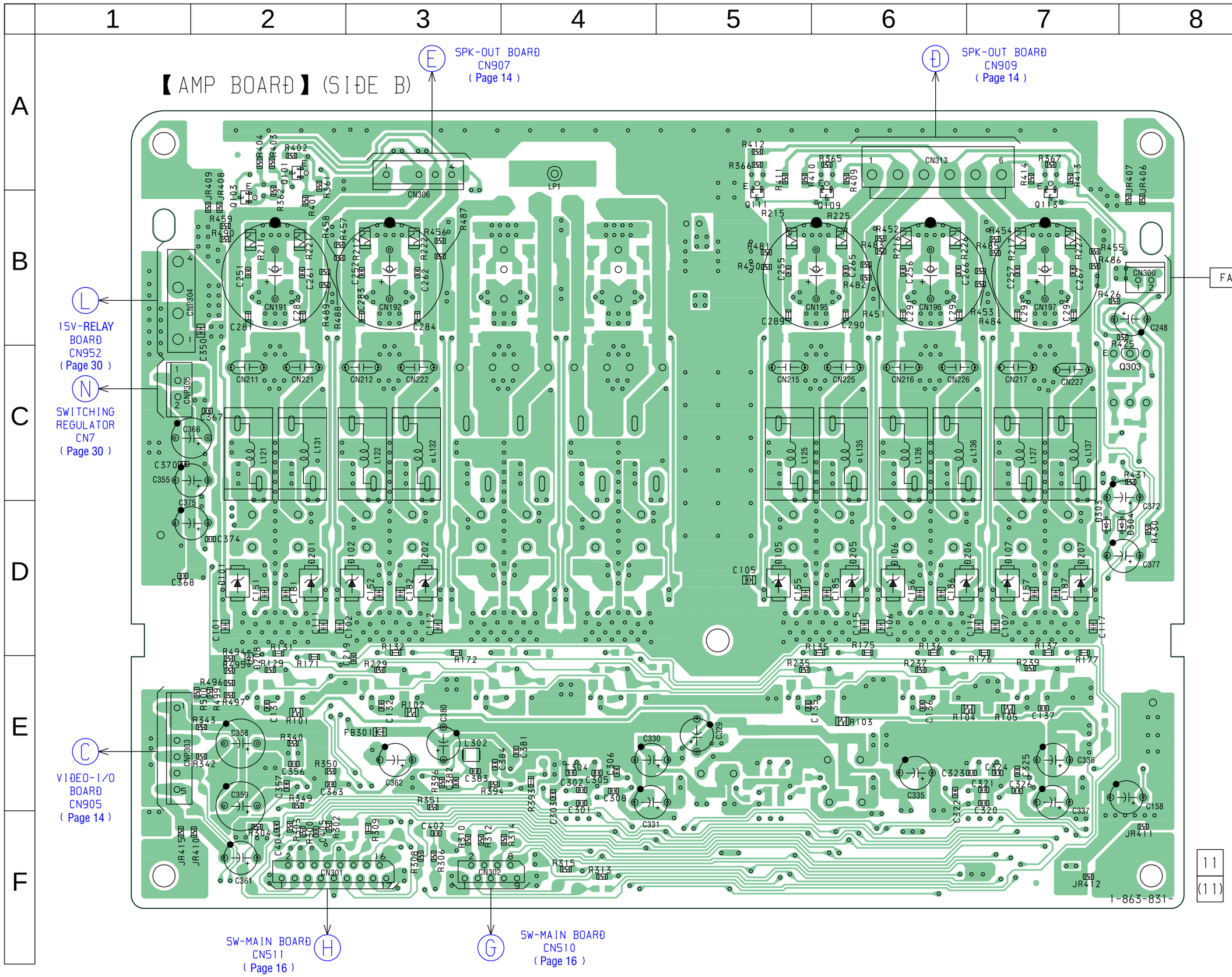
【AMP BOARD】(SIDE A)



• **Semiconductor Location**

Ref. No.	Location
IC101	D-7
IC102	D-6
IC105	D-3
IC106	D-2
IC107	D-2
IC108	E-4
IC110	E-2
IC301	E-7
IC303	D-7
IC305	E-5
Q102	A-6
Q104	A-7
Q110	B-3
Q112	B-3
Q114	B-2
Q301	E-1
Q304	C-1

4-13. PRINTED WIRING BOARD — AMP SECTION (SIDE B) — :Uses unleaded solder. • **See page 8 for Circuit Boards Location.**

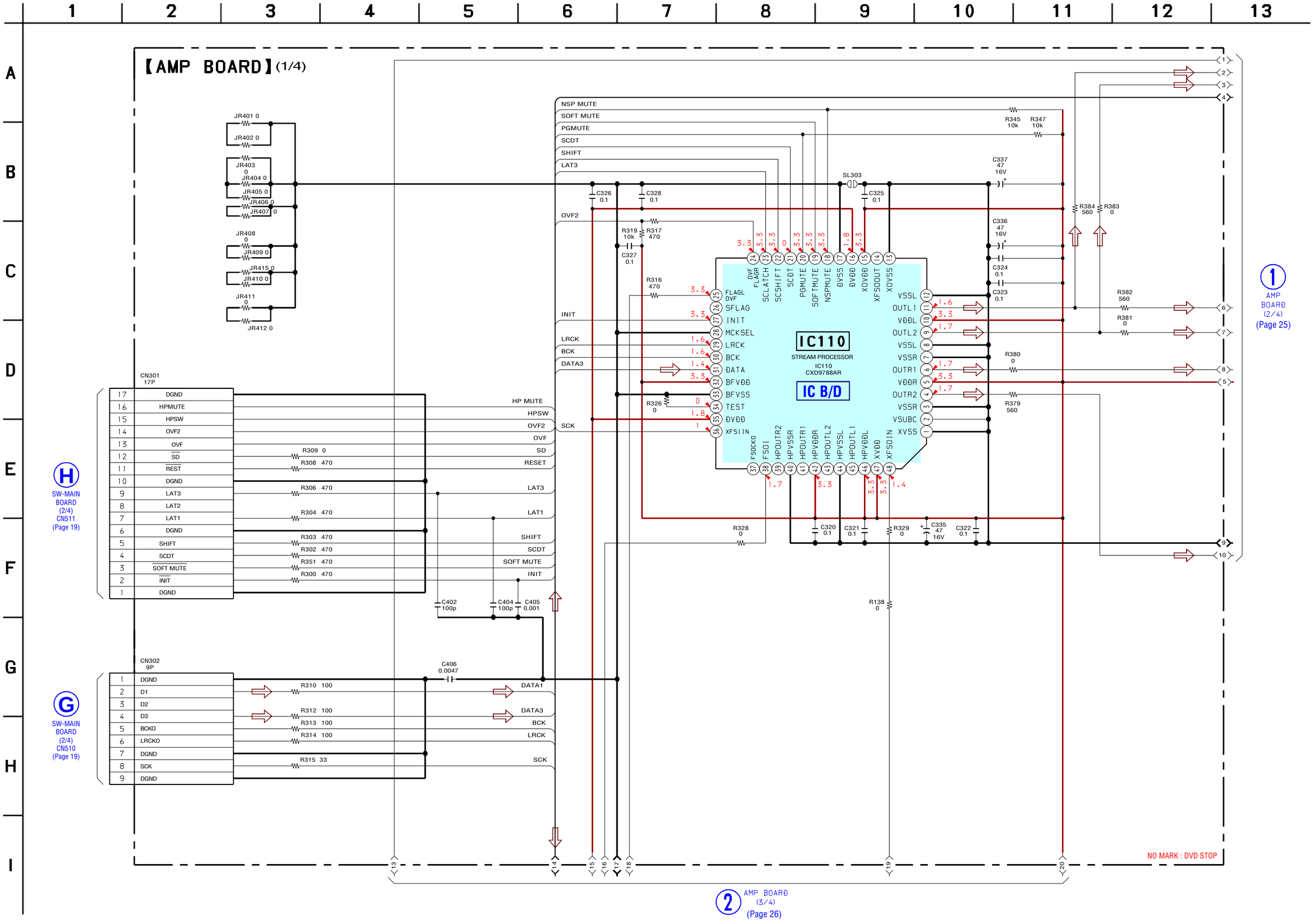


- **Semiconductor Location**

Ref. No.	Location
D101	D-2
D102	D-3
D105	D-5
D106	D-6
D107	D-7
D201	D-2
D202	D-3
D205	D-6
D206	D-7
D207	D-7
D208	E-2
D303	D-7
D304	D-8
Q101	A-2
Q103	B-2
Q109	B-6
Q111	B-5
Q113	B-7
Q303	B-8

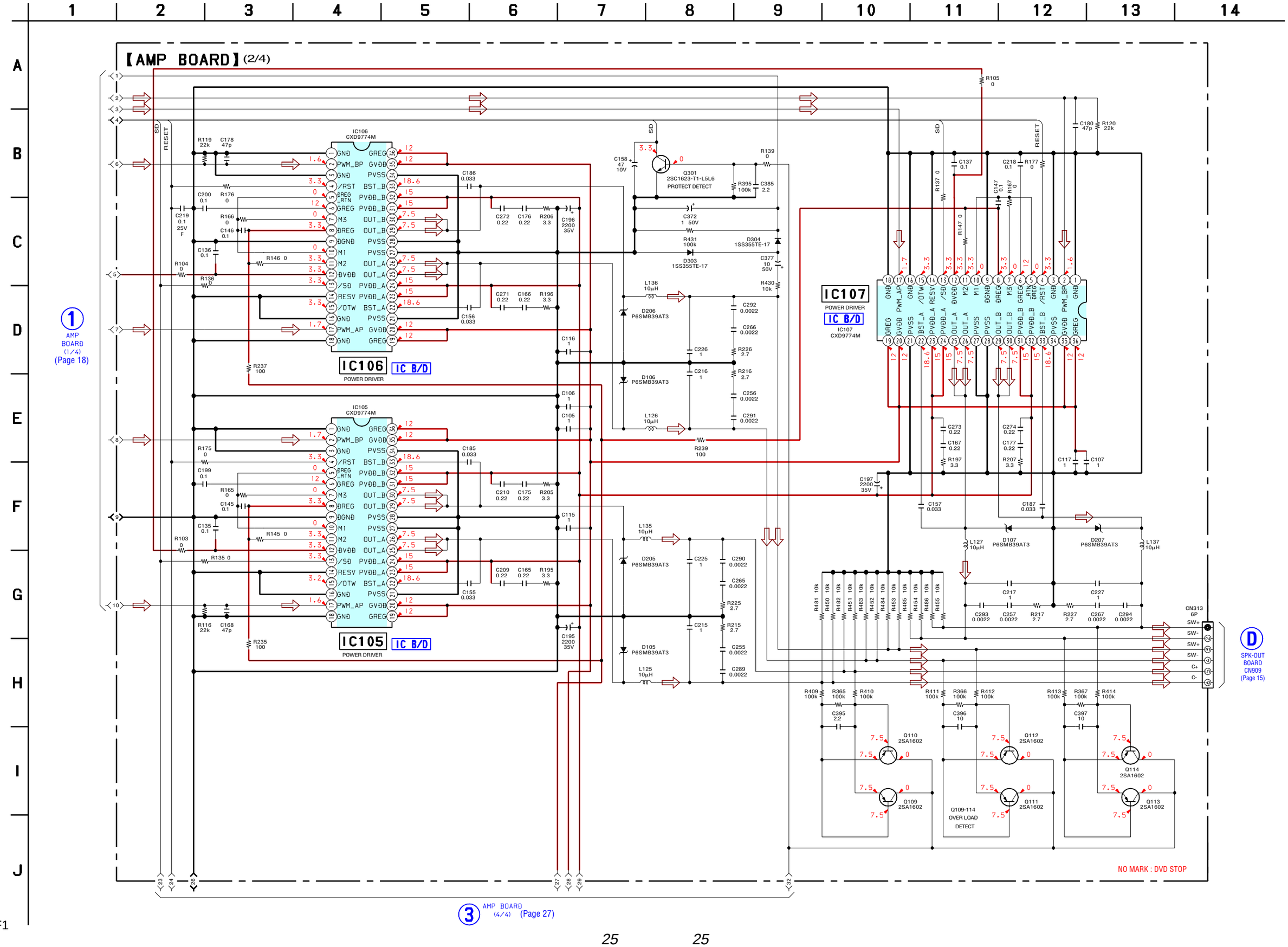
4-14. SCHEMATIC DIAGRAM — AMP SECTION (1/4) —

• See page 34 for IC Block Diagrams.



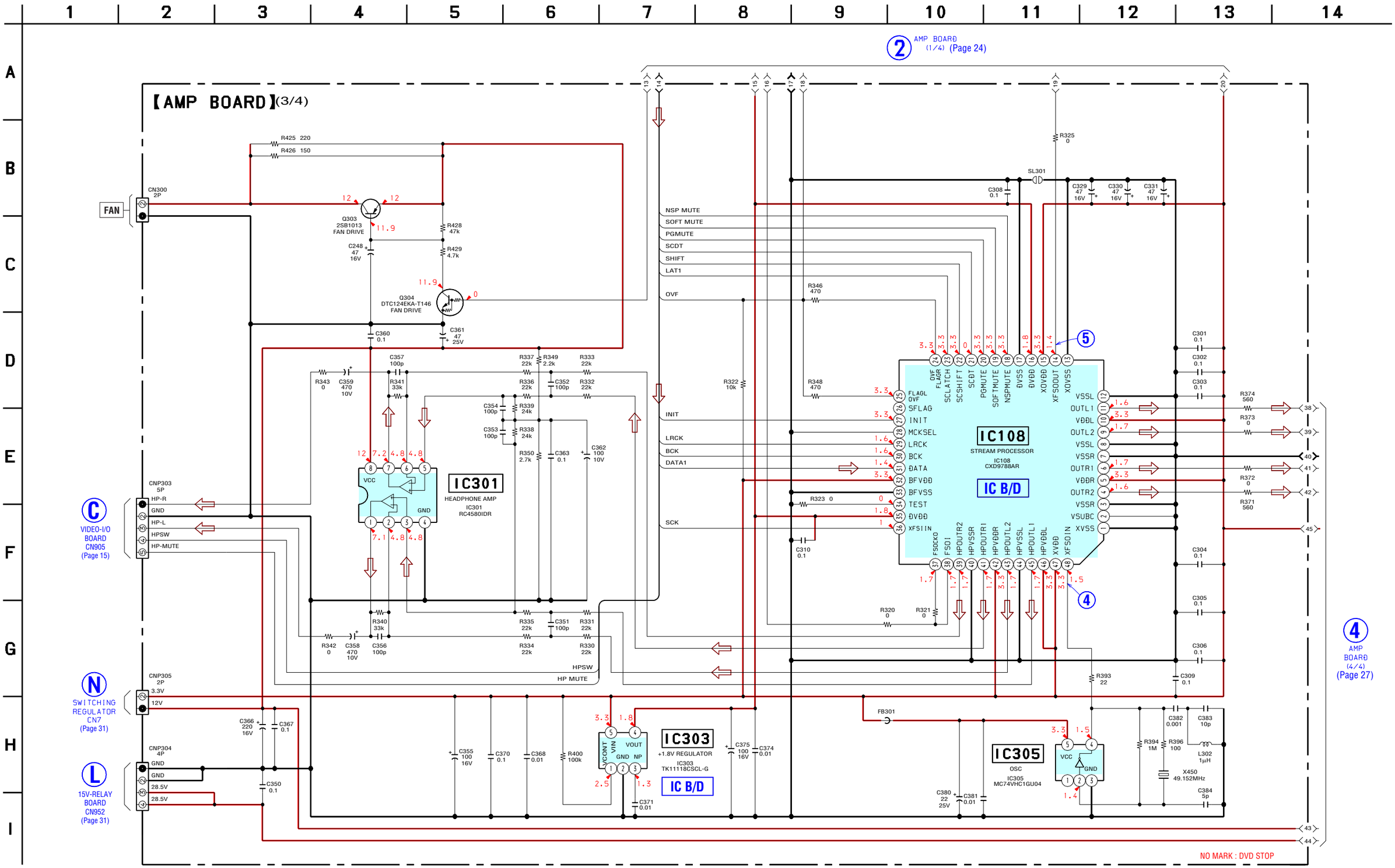
4-15. SCHEMATIC DIAGRAM — AMP SECTION (2/4) —

• See page 34 for IC Block Diagrams.



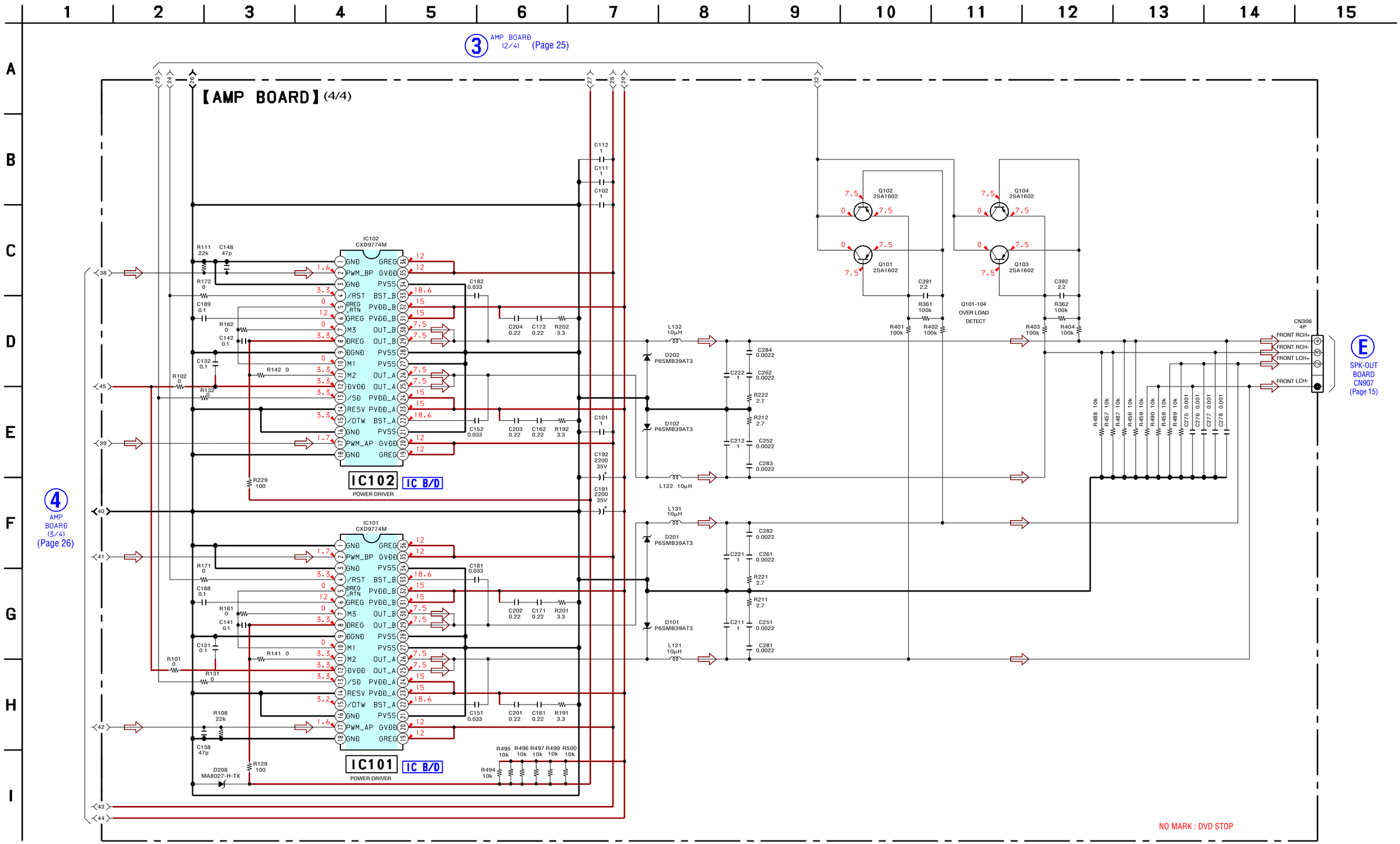
4-16. SCHEMATIC DIAGRAM — AMP SECTION (3/4) —

• See page 34 for IC Block Diagrams. • See page 32 for Waveforms.



4-17. SCHEMATIC DIAGRAM — AMP SECTION (4/4) —

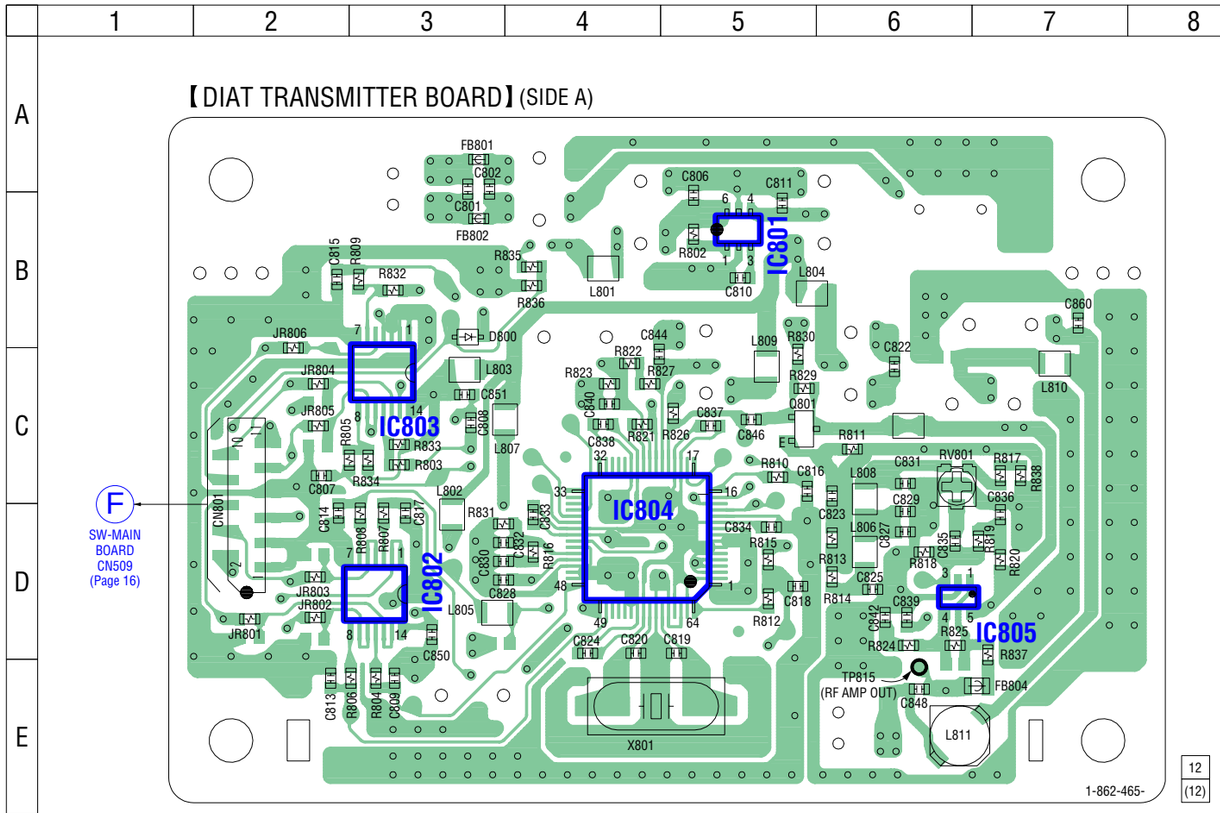
• See page 34 for IC Block Diagrams.



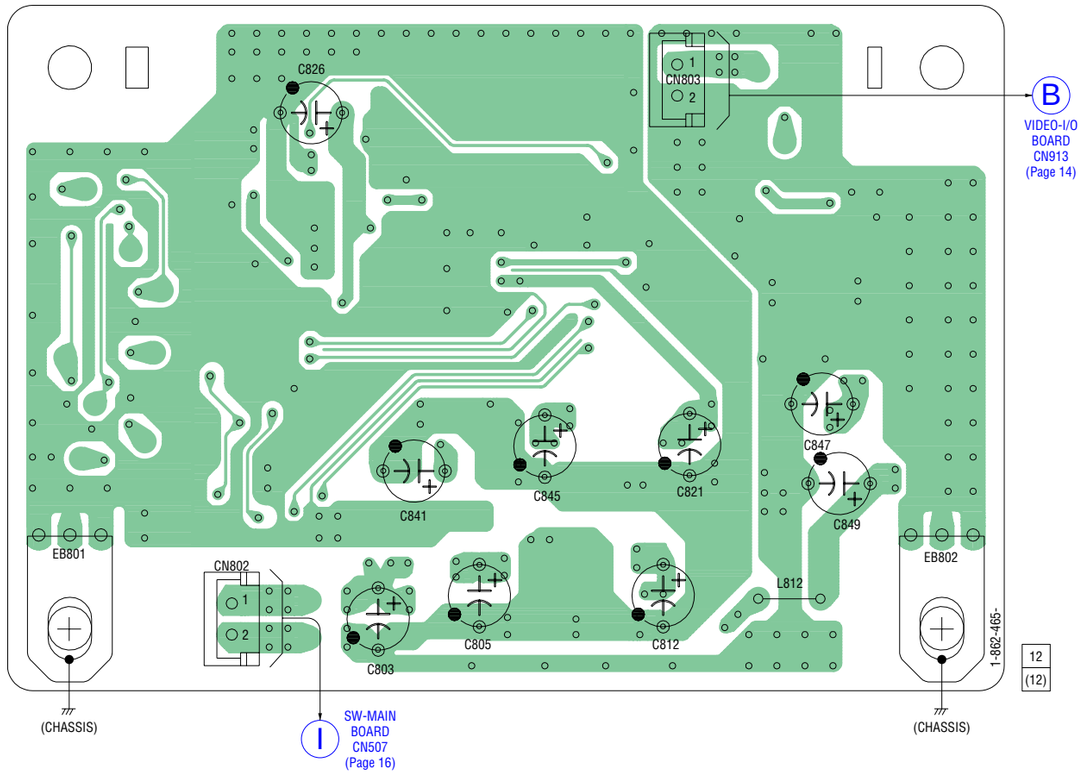
4-18. PRINTED WIRING BOARD — DIAT TRANSMITTER SECTION —

:Uses unleaded solder. • See page 8 for Circuit Boards Location.

【DIAT TRANSMITTER BOARD】(SIDE A)



【DIAT TRANSMITTER BOARD】(SIDE B)

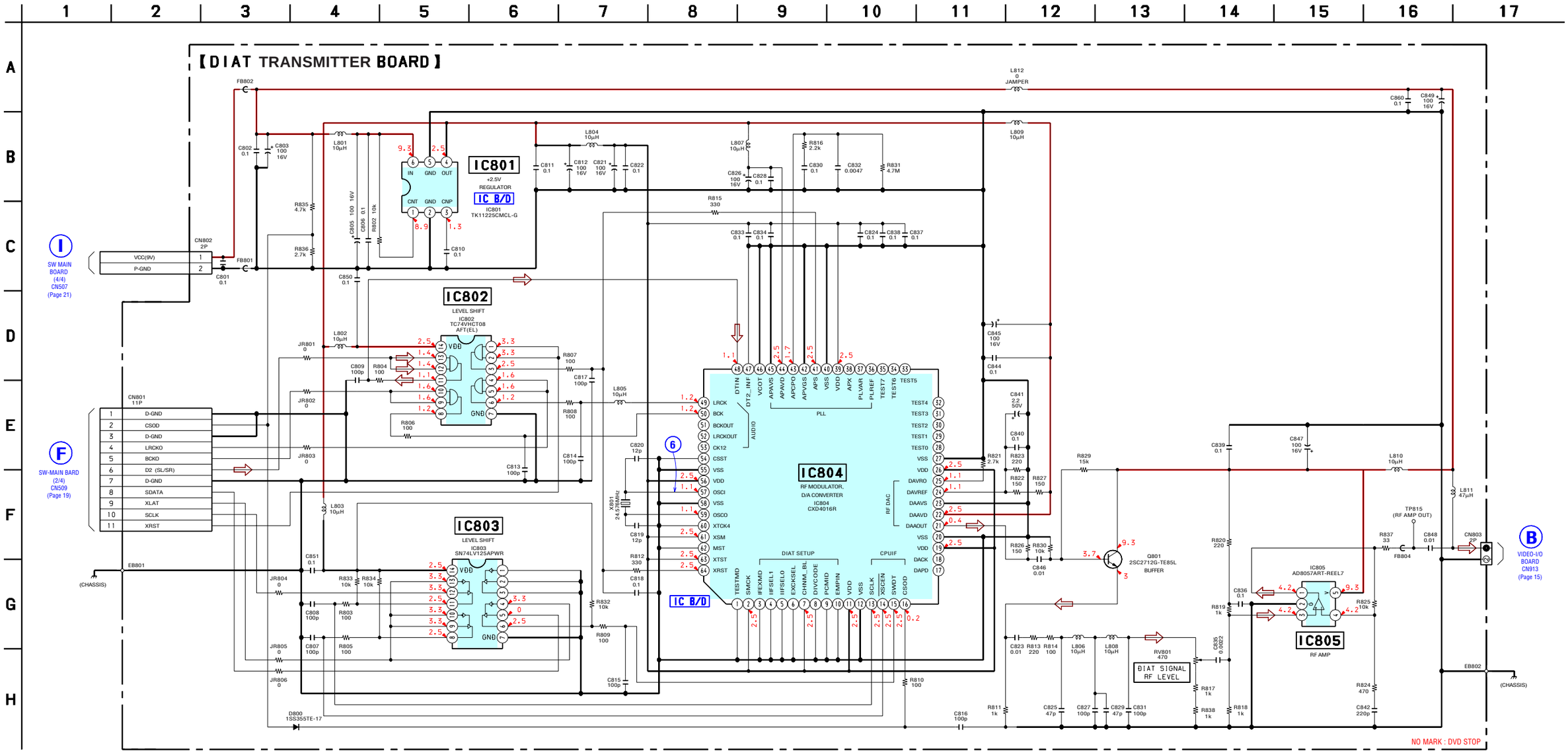


- **Semiconductor Location**

Ref. No.	Location
D800	B-3
IC801	B-5
IC802	D-3
IC803	C-3
IC804	C-4
IC805	E-6
Q801	C-5

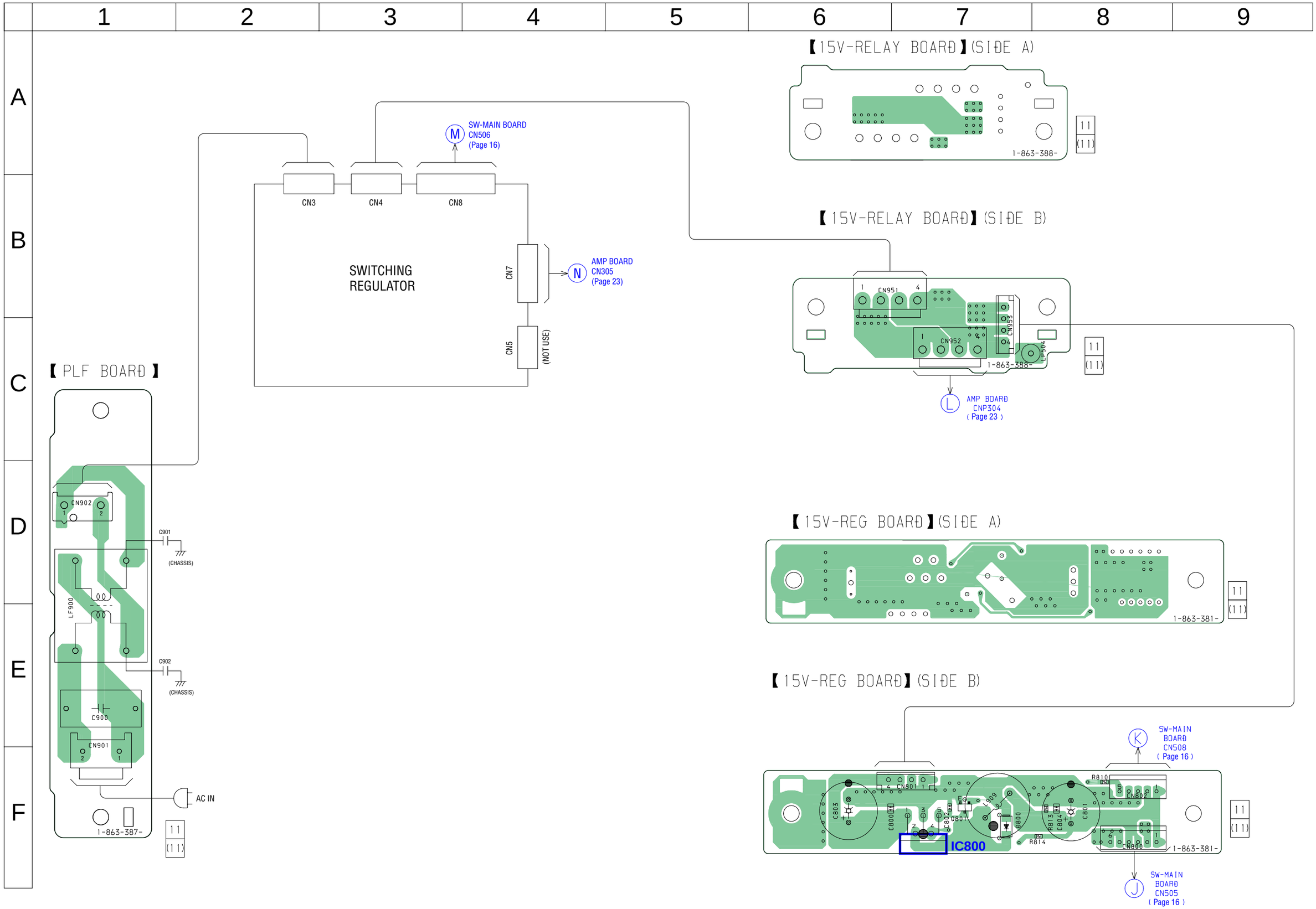
4-19. SCHEMATIC DIAGRAM — DIAT TRANSMITTER SECTION —

• See page 35 for IC Block Diagrams. • See page 32 for Waveform.

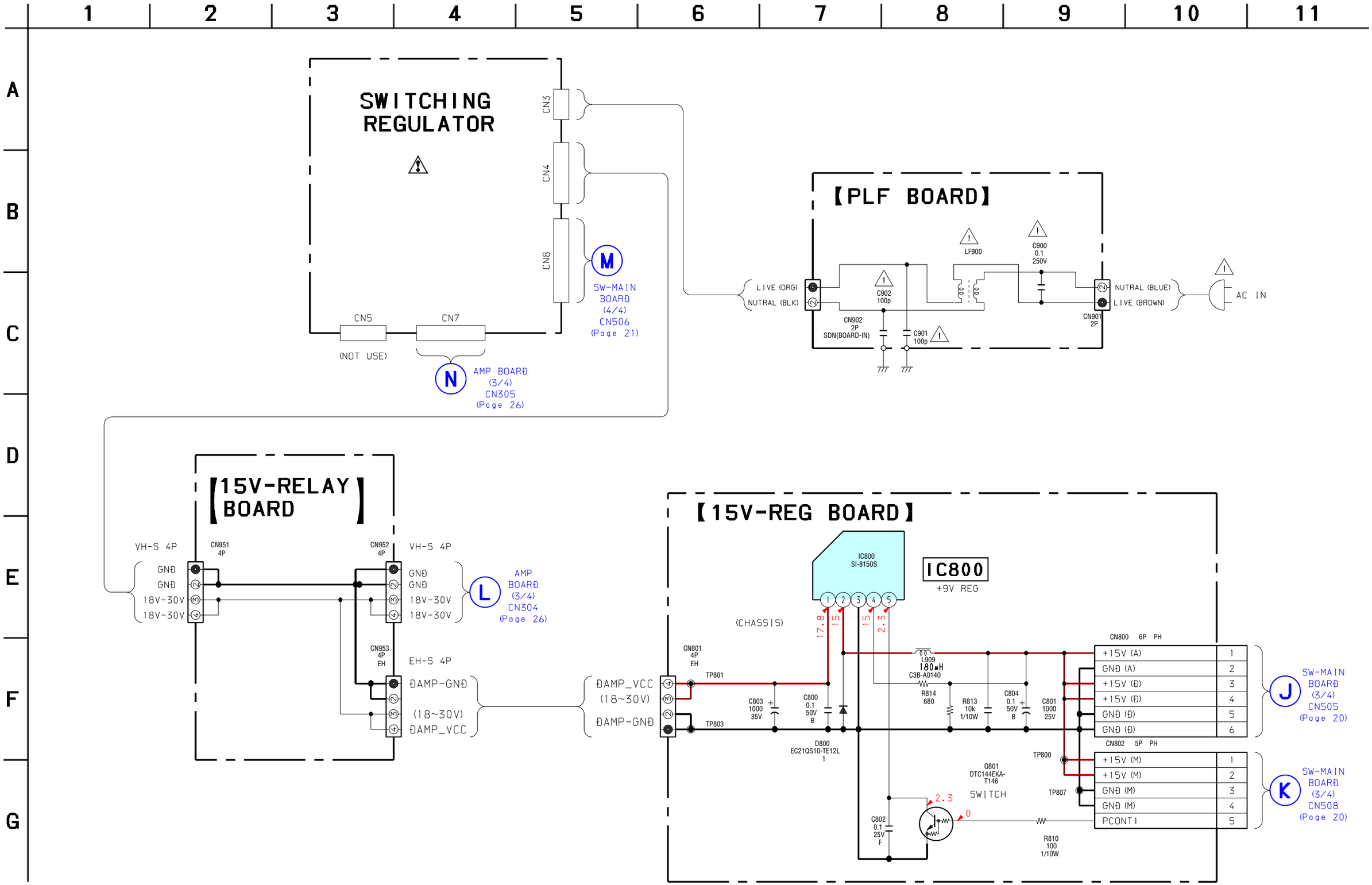


4-20. PRINTED WIRING BOARD — POWER SECTION —

:Uses unleaded solder. • See page 8 for Circuit Boards Location.



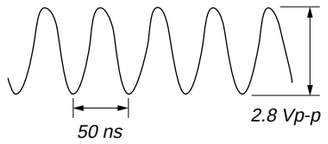
4-21. SCHEMATIC DIAGRAM — POWER SECTION —



- **Waveforms**

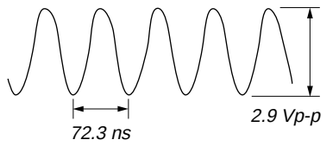
– SW-MAIN Board –

① IC526 ㊴ (X1)



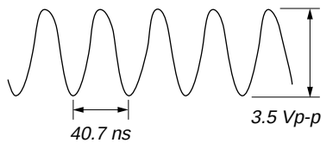
1 V/DIV, 40 ns/DIV

② IC525 ⑨ (MCLK1)



1 V/DIV, 40 ns/DIV

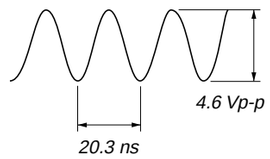
③ IC519 ㉒ (XIN(I))



1 V/DIV, 20 ns/DIV

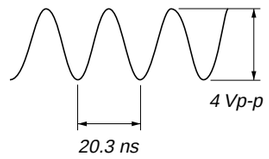
– AMP Board –

④ IC108 ㊽ (XFSOIN)



1 V/DIV, 20 ns/DIV

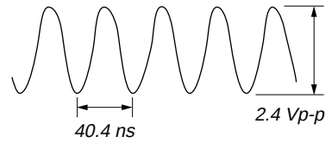
⑤ IC108 ⑭ (XFSOOUT)



1 V/DIV, 20 ns/DIV

– DIAT TRANSMITTER Board –

⑥ IC804 ㊼ (OSC1)

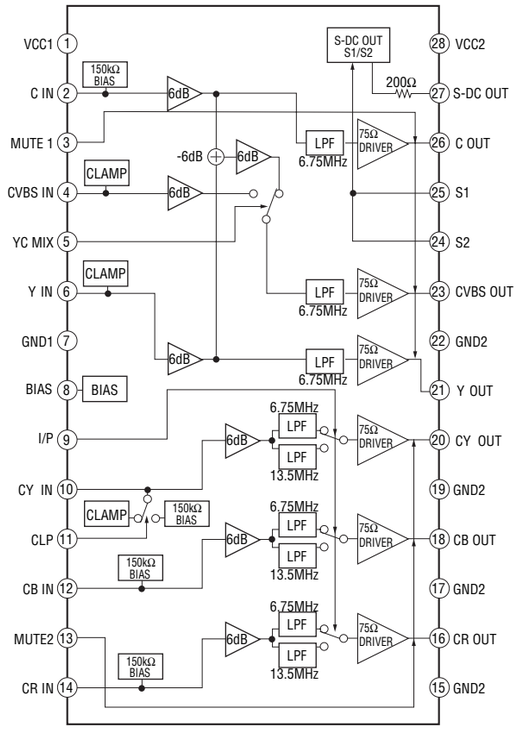


1 V/DIV, 20 ns/DIV

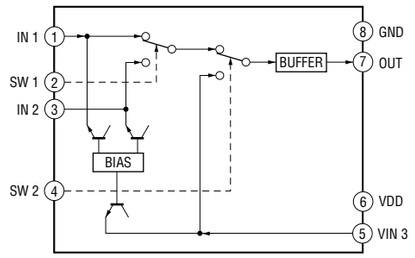
- **IC Block Diagrams**

– VIDEO-I/O Board –

IC902 MM1623BFBE

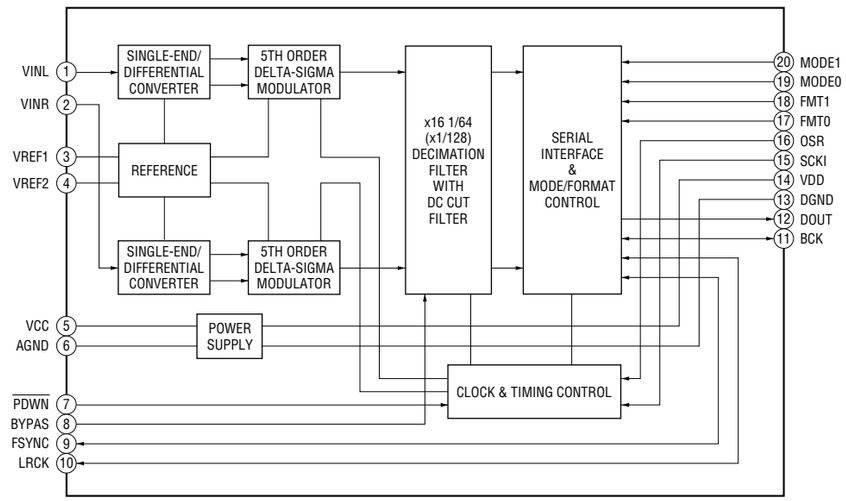


IC903 NJM2235V(TE2)

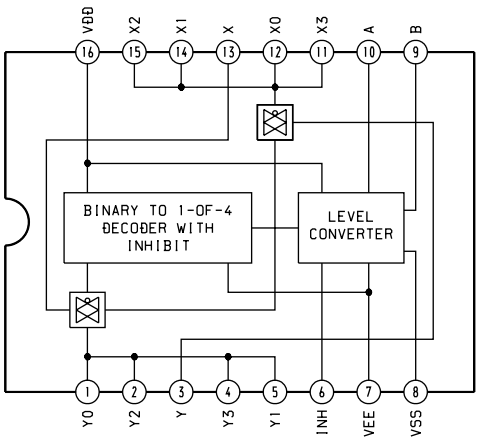


– SW-MAIN Board –

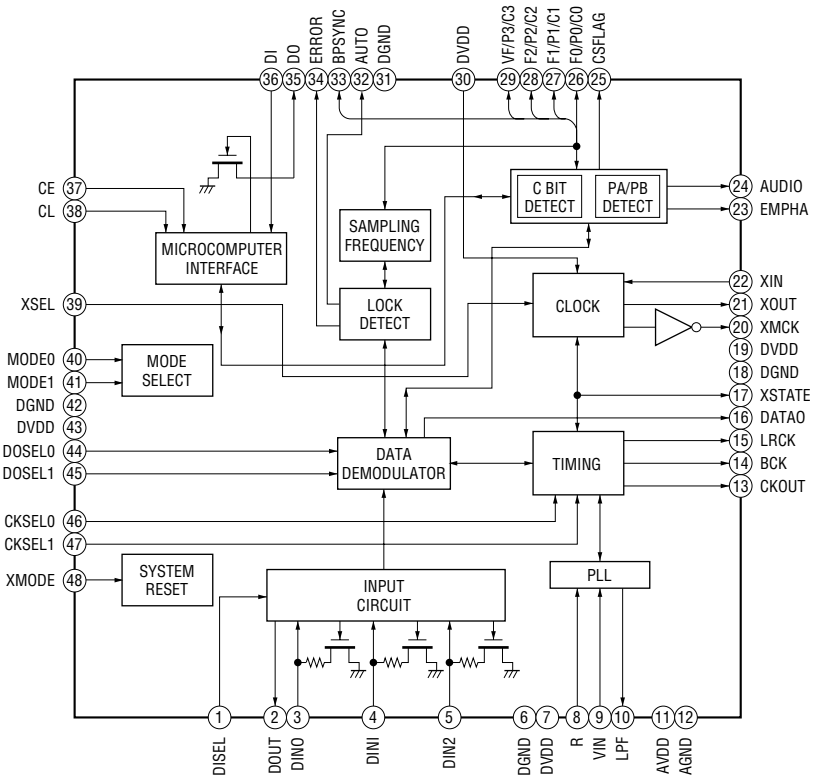
IC511-513 PCM1802DBR



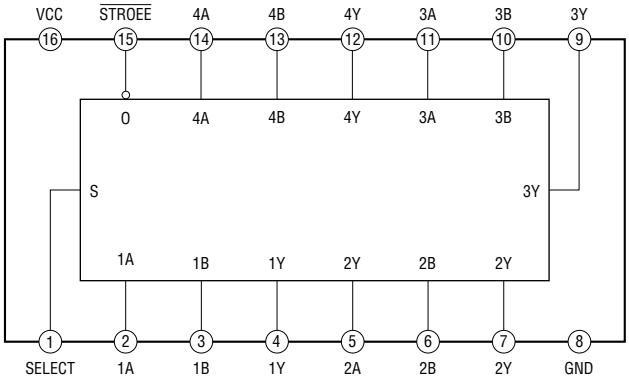
IC503, 505 MC14052BDR2



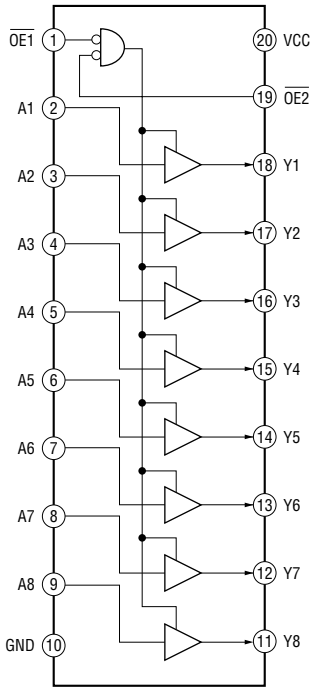
IC519 LC89056W-E



IC522 SN74LV157APWR

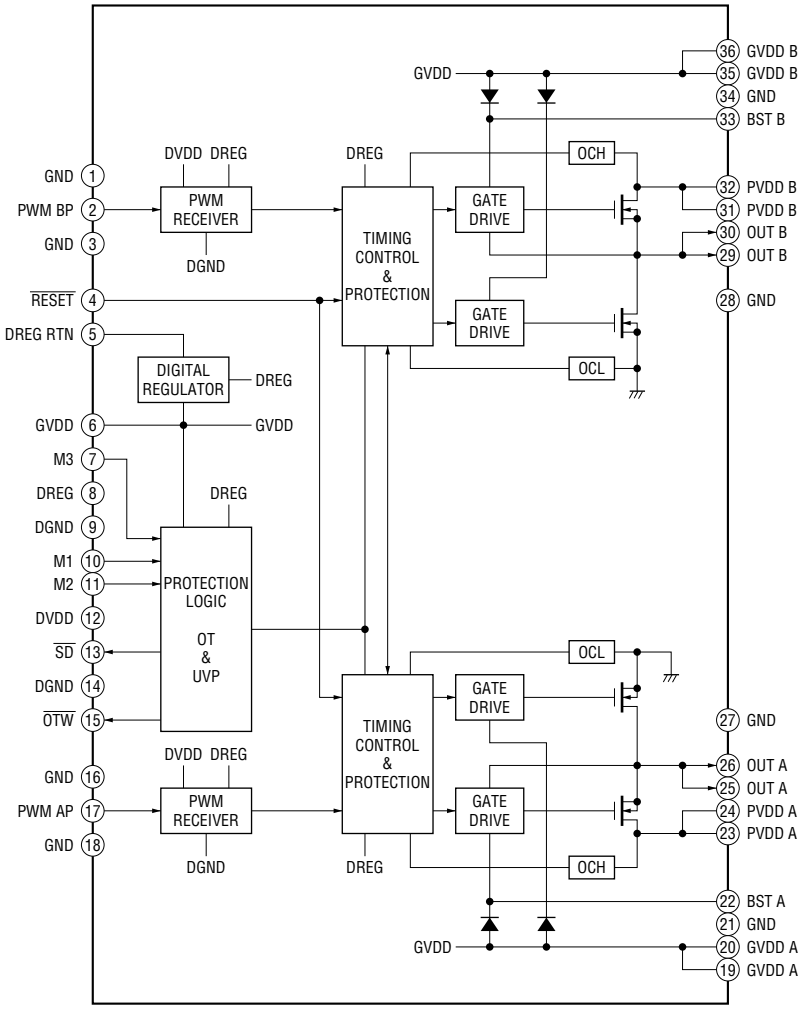


IC529 SN74LV541APWR

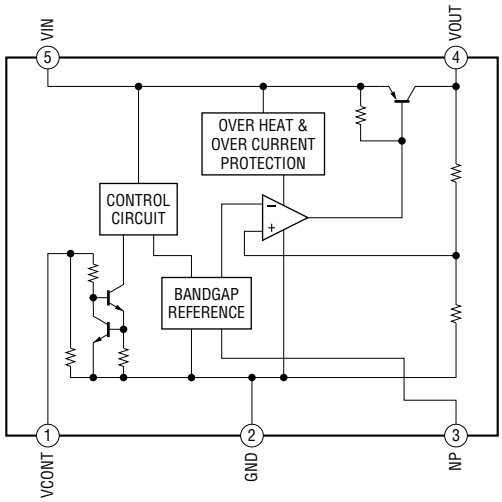


– AMP Board –

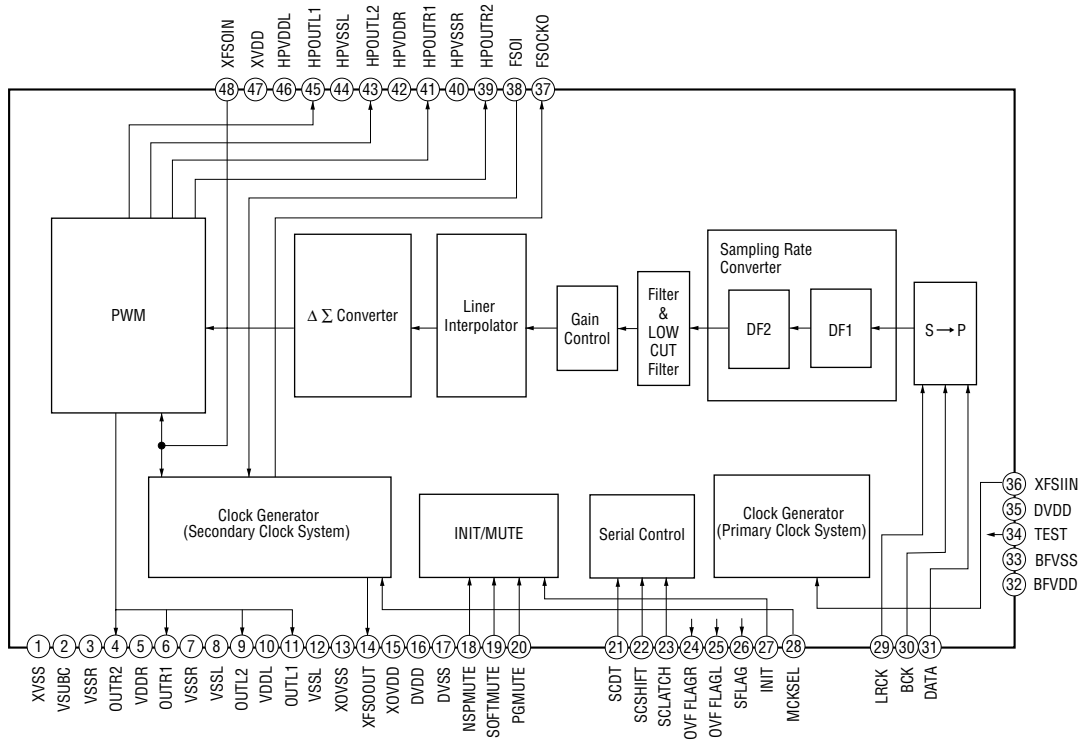
IC101, 102, 105-107 CXD9774M



IC303 TK11118CSCL-G

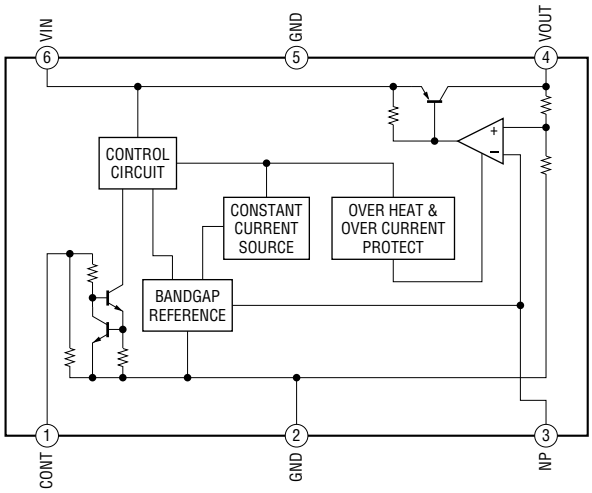


IC108, 110 CXD9788AR

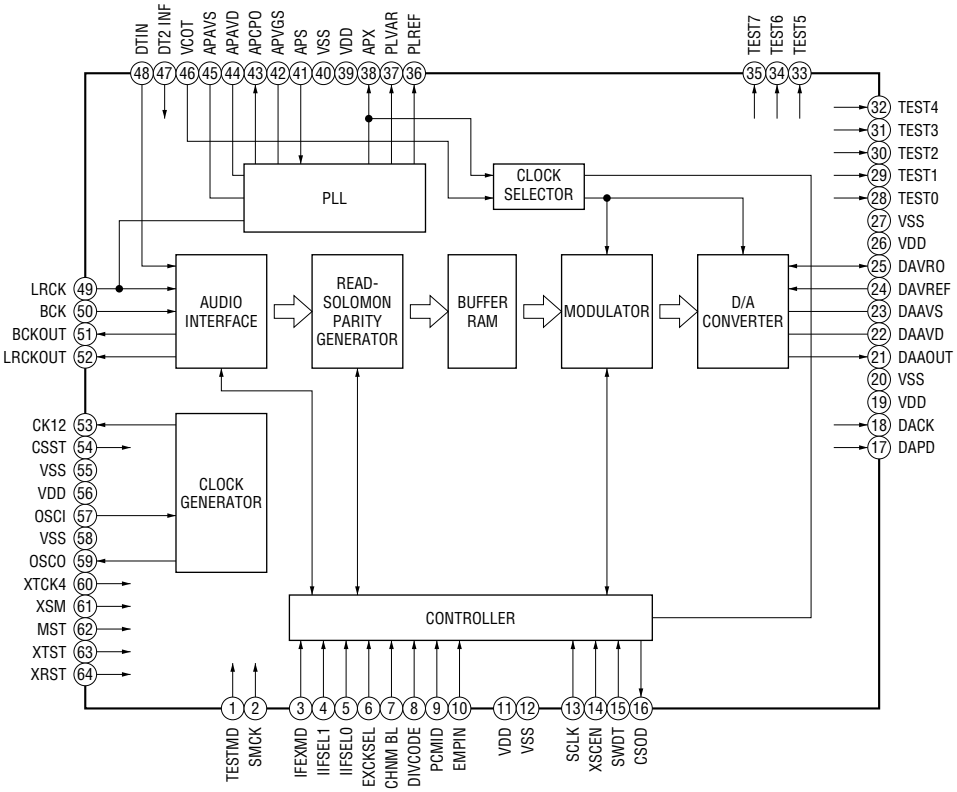


– DIAT TRANSMITTER Board –

IC801 TK11225CMCL-G



IC804 CXD4016R



• IC Pin Function Description

• SW-MAIN BOARD IC525 CXD9720BQ (AUDIO DSP)

Pin No.	Pin Name	I/O	Description
1	VSS	—	Ground terminal
2	XRST	I	System reset signal input from the system controller “L”: reset
3	EXTIN	I	Master clock signal input terminal Not used
4	LRCKI3	I	L/R sampling clock signal input terminal Not used
5	VDDI	—	Power supply terminal (+2.6V)
6	BCKI3	I	Bit clock signal input terminal Not used
7	PLOCK	O	Internal PLL lock signal output terminal Not used
8	VSS	—	Ground terminal
9	MCLK1	I	System clock input terminal (13.9 MHz)
10	VDDI	—	Power supply terminal (+2.6V)
11	VSS	—	Ground terminal
12	MCLK2	O	System clock output terminal (13.9 MHz)
13	MS	I	Master/slave setting terminal “L”: internal clock, “H”: external clock Fixed at “L” in this set
14	SCKOUT	O	Internal system clock output to the D/A converter Not used
15	LRCKI1	I	L/R sampling clock signal input from the digital audio interface receiver
16	VDDE	—	Power supply terminal (+3.3V)
17	BCKI1	I	Bit clock signal input from the digital audio interface receiver
18	SDI1	I	Audio serial data input from the A/D converter
19	LRCKO	O	L/R sampling clock signal output to the D/A converter
20	BCKO	O	Bit clock signal output to the D/A converter
21	VSS	—	Ground terminal
22	KFSIO	I	Audio clock signal input from the digital audio interface receiver
23 to 25	SDO1 to SDO3	O	Audio serial data output to the D/A converter
26	SDO4	O	Audio serial data output terminal
27	SPDIF	O	SPDIF signal output terminal Not used
28	LRCKI2	I	L/R sampling clock signal input from the digital audio interface receiver
29	BCKI2	I	Bit clock signal input from the digital audio interface receiver
30	SDI2	I	Audio serial data input from the digital audio interface receiver
31	VSS	—	Ground terminal
32	HACN	O	Acknowledge signal output to the system controller
33	HDIN	I	Serial data input from the system controller
34	HCLK	I	Serial data transfer clock signal input from the system controller
35	HDOUT	O	Serial data output to the system controller
36	HCS	I	Chip select input from the system controller
37	GP12	I	Write signal input from the system controller Not used
38	GP13	O	SD-RAM chip enable output terminal Not used
39	GP14	O	Row address strobe signal output terminal Not used
40	VDDI	—	Power supply terminal (+2.6V)
41	VSS	—	Ground terminal
42	GP15	O	Column address strobe signal output terminal Not used
43	OE0	O	Output terminal of data input/output mask Not used
44	CS0	O	Chip select signal output to the S-RAM
45	WE0	O	Write enable signal output to the S-RAM
46	VDDE	—	Power supply terminal (+3.3V)
47	WMD1	I	External memory wait mode setting terminal Fixed at “H” in this set
48	VSS	—	Ground terminal

Pin No.	Pin Name	I/O	Description
49	WMD0	I	External memory wait mode setting terminal Fixed at “H” in this set
50	PAGE2	O	External memory page selection signal output terminal Not used
51	VSS	—	Ground terminal
52, 53	PAGE1, PAGE0	O	External memory page selection signal output terminal Not used
54	BOOT	I	Boot mode control signal input terminal Not used
55	TST1	O	Not used
56	BST	I	Boot strap signal input from the system controller
57	MOD1	I	Operation mode setting terminal “L”: enhanced mode, “H”: normal mode Fixed at “H” in this set
58	MOD0	I	Operation mode setting terminal “L”: single chip mode, “H”: can not use Fixed at “L” in this set
59	EXLOCK	I	PLL lock error signal and data error flag input from the digital audio interface receiver
60	VDDI	—	Power supply terminal (+2.6V)
61	VSS	—	Ground terminal
62, 63	A17, A16	O	Address signal output terminal
64 to 66	A15 to A13	O	Address signal output to the S-RAM
67	GP10	I	L/R sampling clock signal input terminal
68	GP9	O	Read ready signal output to the system controller
69	GP8	I	Channel status bit 1 input from the digital audio interface receiver
70	VDDI	—	Power supply terminal (+2.6V)
71	VSS	—	Ground terminal
72 to 75	D15 to D12	I/O	Two-way data bus with the S-RAM
76	VDDE	—	Power supply terminal (+3.3V)
77to 80	D11 to D8	I/O	Two-way data bus with the S-RAM
81	VSS	—	Ground terminal
82 to 85	A9, A12 to A10	O	Address signal output to the S-RAM
86	TDO	O	Simplicity emulation data output terminal Not used
87	TMS	I	Simplicity emulation data input start and end terminal Not used
88	XTRST	I	Simplicity emulation non-sync break signal input terminal Not used
89	TCK	I	Simplicity emulation clock signal input terminal Not used
90	TDI	I	Simplicity emulation data input terminal Not used
91	VSS	—	Ground terminal
92 to 97	A8 to A3	O	Address signal output to the S-RAM
98, 99	D7, D6	I/O	Two-way data bus with the S-RAM
100	VDDI	—	Power supply terminal (+2.6V)
101	VSS	—	Ground terminal
102 to 105	D5 to D2	I/O	Two-way data bus with the S-RAM
106	VDDE	—	Power supply terminal (+3.3V)
107, 108	D1, D0	I/O	Two-way data bus with the S-RAM
109, 110	A2, A1	O	Address signal output to the S-RAM
111	VSS	—	Ground terminal
112	A0	O	Address signal output to the S-RAM
113	PM	I	PLL initialize signal input from the system controller
114, 115	SDI3, SDI4	I	Audio serial data input terminal Not used
116	SYNC	I	Sync/non-sync setting terminal “L”: sync, “H”: non-sync Fixed at “H” in this set
117	TST2	I	Not used

Pin No.	Pin Name	I/O	Description
118	GP11	I	Not used
119	TST3	I	Not used
120	VDDI	—	Power supply terminal (+2.6V)

• SW-MAIN BOARD IC526 uPD703033BYGF-M58-3BA-A (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	DAMP DATA	O	Data output to the Control Unit (HCD-LF1)
2	TE AMP	—	Not used
3	DIR/ADC 2	O	Selector signal output to the IC SELECTOR
4	DIAT DO	O	Diat data signal output
5	DIAT CLK	O	Diat clock signal output
6	DSP DO	I	Data signal input from the AUDIO DSP
7	DIG DI	O	Data signal output to the DEMODULATOR
8	DIG CLK	O	Clock data output to the DEMODULATOR
9	EVDD	—	Power Supply (+5V)
10	EVSS	—	Terminal Ground
11	P PWM	O	Voltage control output to the switching regulator
12	DSP RESET	O	Reset signal output to the AUDIO DSP
13	DSP PM	O	PM signal output to the AUDIO DSP
14	DSP CS	O	Chip enable signal output to the AUDIO DSP
15	DSP HACN	I	HACN signal input from the AUDIO DSP
16	DSP BST	O	BST signal output to the AUDIO DSP
17	DSP GP9	I	GP9 signal input from the AUDIO DSP
18	DIR ZERO	I	ZERO data input from the DEMODULATOR
19	DIR ERR	I	ERR data input from the DEMODULATOR
20	DIR CE	O	Chip enable signal output to the DEMODULATOR
21	VPP	—	Not used
22	DIR XSTAT	I	XSTAT signal input from the DEMODULATOR
23	DIR ANADIG	O	ERROR signal output to the DEMODULATOR
24	DIR XMODE	O	MODE signal output to the DEMODULATOR
25	DIR DO	O	DATA signal output to the DEMODULATOR
26	DAMP INT	O	Reset signal output to the stream processor
27	DSP SKIP PP	—	Not used
28	DAMP MUTS	O	Soft muting on/off signal output to the stream processor
29	DAMP SI	O	Latch control signal output to the stream processor
30	DAMP SO	—	Not used
31	DAMP CS3	O	Latch control signal output to the stream processor
32	DAC CS	O	Chip enable signal output to the DAC
33	AD RST	O	Reset signal output to the DAC
34	RESET	I	System Reset signal input
35	XT1	—	Not used
36	XT2	—	Not used
37	REGO	O	Reference voltage output
38	X2	O	Oscillator signal output
39	X1	I	Oscillator signal input
40	VSS	—	Terminal Ground
41	VDD	—	Power Supply (+5V)
42	CLKOUT	—	Not used
43	DRIVE RST	O	System Reset signal output to the power driver
44	DRI OCP	I	Over load detect signal input
45	NC	—	Not used
46	AU MUTE	O	Audio mute signal output
47	AV SEL0	O	Audio input selection signal output terminal

Pin No.	Pin Name	I/O	Description
48	AV SEL1	O	Audio input selection signal output terminal
49	AV SEL2	O	Audio input selection signal output terminal
50	AV SEL3	O	Video input selection signal output terminal
51	TUNED	I	Tuning detection signal input from the FM/AM tuner pack
52	TUN DI	I	Serial data signal intput from the FM/AM tuner pack
53	TUN CE	O	Serial chip enable signal output to the FM/AM tuner pack
54	TUN DO	O	Serial data signal output to the FM/AM tuner pack
55	TUN CLK	O	Serial data clock signal output to the FM/AM tuner pack
56	TU STEREO	I	Stereo data signal input from the FM/AM tuner pack
57	TU MUTE	O	Mute data signal output to the FM/AM tuner pack
58	BVDD	—	Power Supply (+5V)
59	BVSS	—	Terminal Ground
60	DAMP MP MUTE	O	Headphone muting on/off control signal output
61	AV SEL4	O	Video input selection signal output terminal
62	VS/WIDE	O	VS/WIDE signal output to the Video amp
63	I/P SEL	O	I/P signal output to the Video amp
64	NC	—	Not used
65	HP SW	I	Headphone detection signal input terminal
66	ADC PDWN	O	Power down signal output to the A/D converter
67	NC	—	Not used
68	VOUT ENE	O	VOUT control signal output terminal
69	YC MIX	O	YC MIX control signal output terminal
70	DVD SEL	O	Video output(DVD)selection signal output terminal
71	IP SW	I	IP SW signal input
72	AV SEL5	O	Video input selection signal output terminal
73	RGB SEL	O	Video output (RGB) selection signal output terminal
74	AVDD	—	Power Supply (+5V)
75	AVSS	—	Terminal Ground
76	AVREF	I	Reference voltage input terminal
77	NC	—	Not used
78	NC	—	Not used
79	NC	—	Not used
80	AREA	—	Not used
81	NC	—	Not used
82	NC	—	Not used
83	NC	—	Not used
84	NC	—	Not used
85	OVERFLOW 1	I	Overflow status 1 input stream processor
86	OVERFLOW 2	I	Overflow status 2 nput stream processor
87	NC	—	Not used
88	RDS—DATA	I	RDS serial data input from the FM/AM tuner pack
89	IF POWER	—	Not used
90	STOP IN	I	Stop signal input the Control Unit (HCD-LF1)
91	NC	—	Not used
92	NC	—	Not used
93	NC	—	Not used
94	RDS CLK	I	RDS clock input from the FM/AM tuner pack

Pin No.	Pin Name	I/O	Description
95	DIAT CSOD	O	Diat scod signal output
96	DIAT CS	O	Diat chip enable data signal output
97	DIAT XRST	O	Diat reset signal output
98	DAMP DATA	O	Data signal output to the stream processor
99	DAMP CLK	O	Clock signal output to the stream processor
100	IF DATA IN	I	Serial data signal input from the Control Unit (HCD-LF1)

SECTION 5
EXPLODED VIEWS

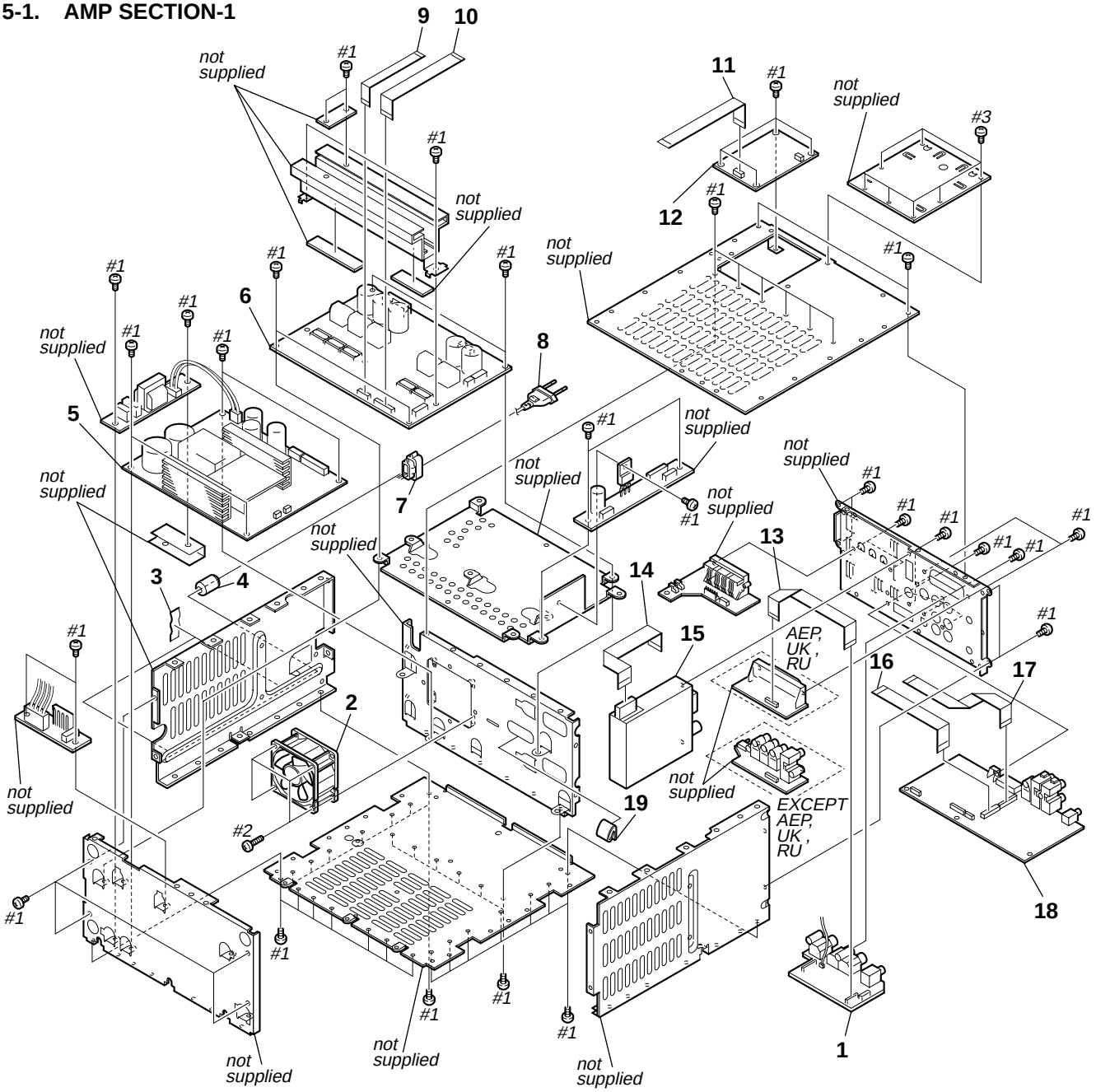
NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Abbreviation
  CND : Canadian model
  E41 : Chilean and peruvian models
  EA : Saudi Arabia model
  HK : Hong Kong model
  KR : Korea model
  MX : Mexican model
  RU : Russian model
  SP : Singapore model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

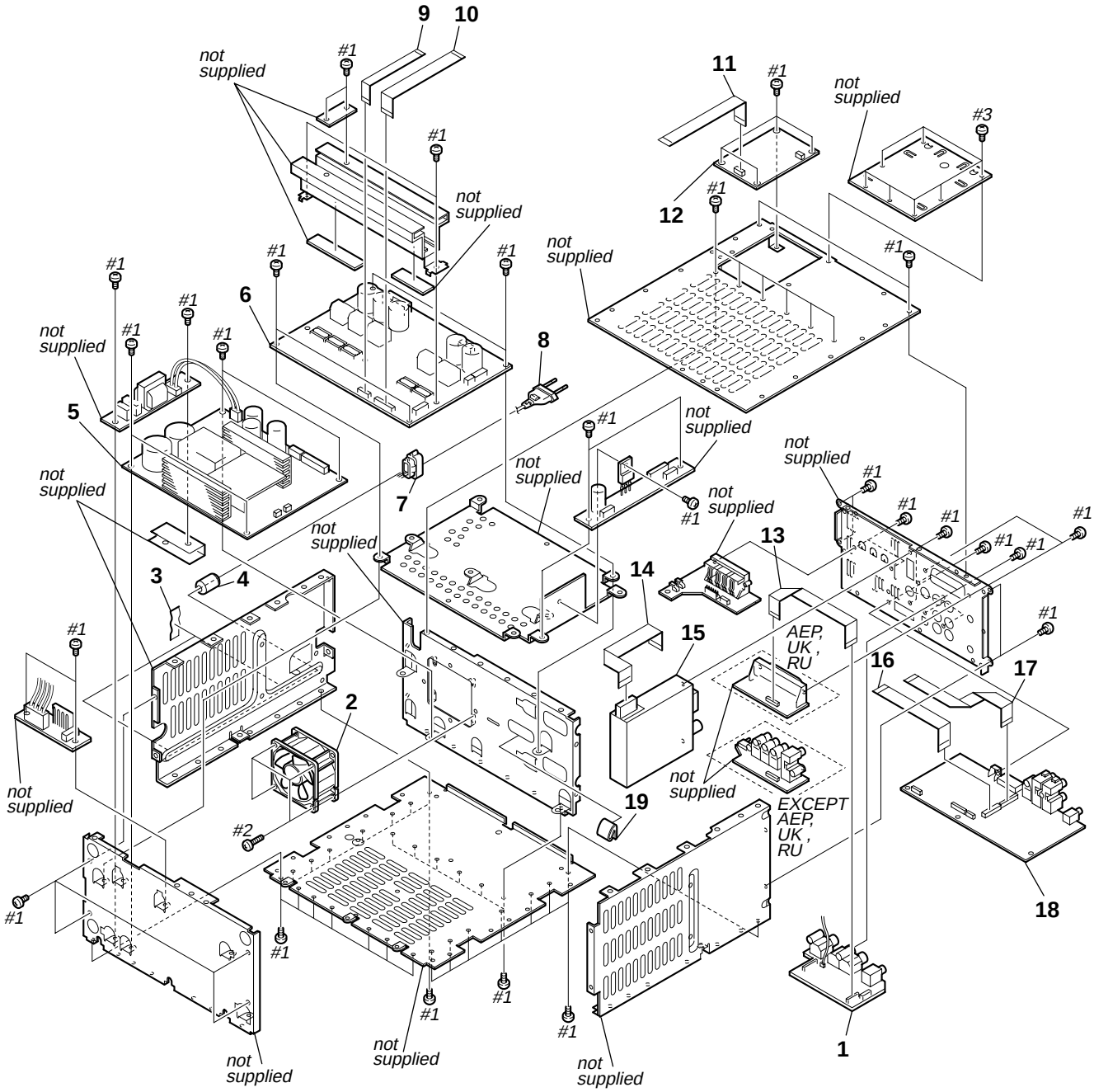
5-1. AMP SECTION-1



Ref. No.	Part No.	Description	Remark
1	A-1065-800-A	VIDEO-I/O BOARD, COMPLETE (AEP, UK, RU)	
1	A-1065-843-A	VIDEO-I/O BOARD, COMPLETE (US, CND)	
1	A-1065-879-A	VIDEO-I/O BOARD, COMPLETE (EA, SP, HK, KR, MX, E41)	
2	1-787-199-11	FAN, DC	
3	3-831-441-11	CUSHION (F) (EXCEPT CND)	
4	1-469-241-11	CORE, FERRITE (RFC-8 BK) (EXCEPT CND)	
5	1-468-838-11	REGULATOR, SWITCHING BOARD (US, CND, MX)	
5	1-468-839-12	REGULATOR, SWITCHING BOARD (EXCEPT US, CND, MX)	
6	A-1065-806-A	AMP BOARD, COMPLETE	
* 7	3-703-244-00	BUSHING (2104), CORD	
⚠8	1-575-651-81	CORD, POWER (AEP, RU, SP, E41)	
⚠8	1-751-522-11	CORD, POWER (UK, EA, HK)	
⚠8	1-769-079-13	CORD, POWER (KR)	
⚠8	1-783-532-71	CORD, POWER (US, CND)	
⚠8	1-824-534-11	CORD, POWER (MX)	
9	1-827-996-11	WIRE (FLAT TYPE) (9 CORE)	
10	1-828-353-11	WIRE (FLAT TYPE) (17 CORE)	
11	1-791-112-11	WIRE (FLAT TYPE) (11 CORE)	

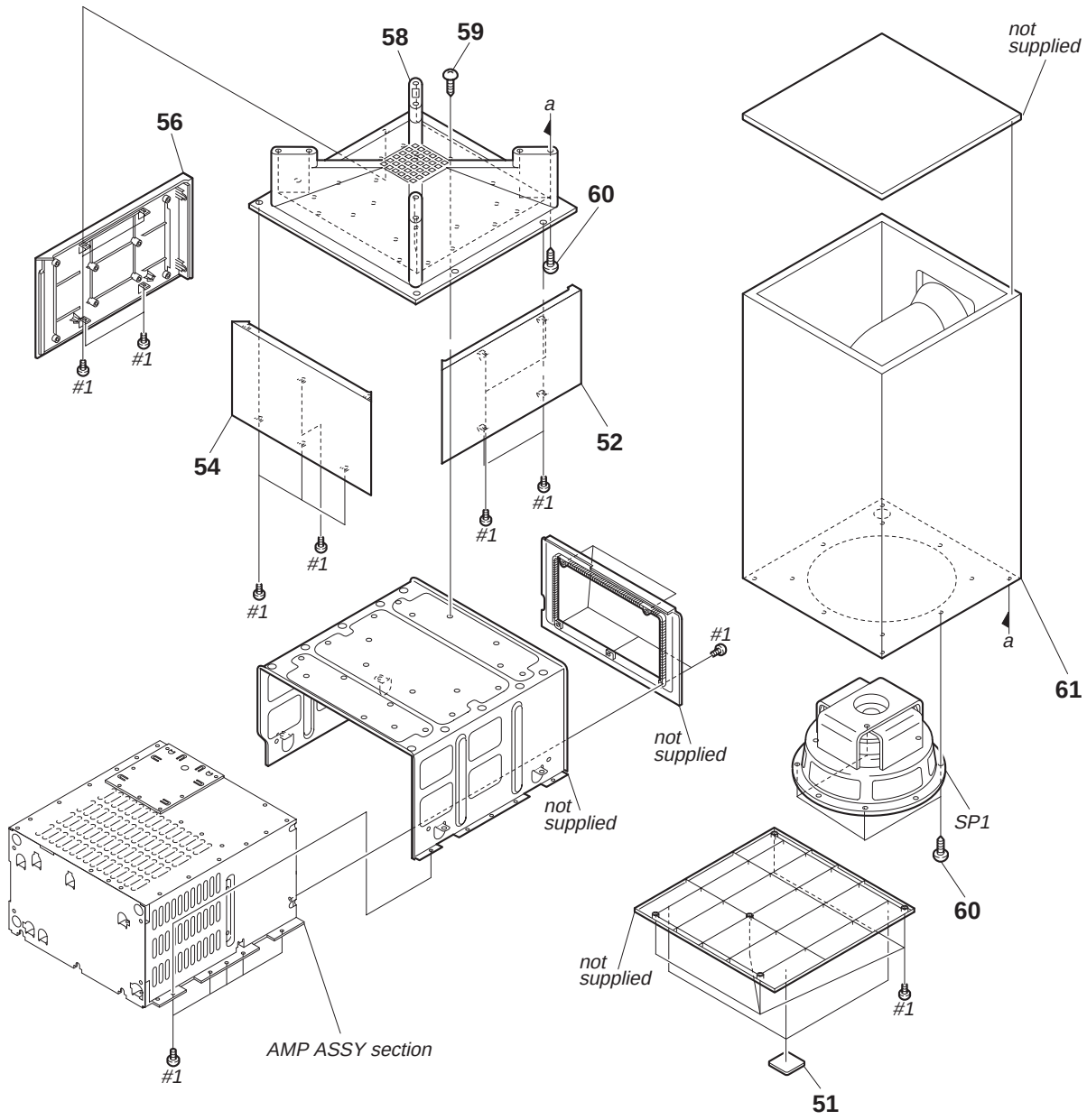
- Continued on page 43 -

5-2. AMP SECTION-2



Ref. No.	Part No.	Description	Remark
- Continued from page 42 -			
12	A-1065-809-A	DIAT TRANSMITTER BOARD, COMPLETE	
13	1-828-328-11	WIRE (FLAT TYPE) (13 CORE)	(EXCEPT AEP, UK, RU)
13	1-828-338-11	WIRE (FLAT TYPE) (15 CORE) (AEP, UK, RU)	
14	1-769-944-11	WIRE (FLAT TYPE) (11 CORE)	(EXCEPT AEP, UK, RU)
14	1-773-008-11	WIRE (FLAT TYPE) (15 CORE) (AEP, UK, RU)	
15	1-693-603-31	TUNER (FM/AM) (EA, SP, HK, MX, E41)	
15	1-693-604-11	TUNER (FM/AM) (AEP, UK, RU)	
15	1-693-605-11	TUNER (FM/AM) (KR)	
15	1-693-623-31	TUNER (FM/AM) (US, CND)	
16	1-828-368-11	WIRE (FLAT TYPE) (21 CORE)	(EXCEPT AEP, UK, RU)
17	1-828-378-11	WIRE (FLAT TYPE) (23 CORE) (AEP, UK, RU)	
18	A-1065-792-A	SW-MAIN BOARD, COMPLETE (AEP, UK, RU)	
18	A-1065-839-A	SW-MAIN BOARD, COMPLETE (US, CND, MX)	
18	A-1065-875-A	SW-MAIN BOARD, COMPLETE	(EA, SP, HK, KR, E41)
* 19	4-646-784-01	GASKET	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-649-79	SCREW +BVTP 3X14 TYPE2 IT-3	
#3	3-970-608-31	SUMITITE (B3), +BV	

5-3. OVERALL SECTION



Ref. No.	Part No.	Description	Remark
51	2-108-334-01	FOOT (AMP BOX)	
52	X-2024-490-1	ASSY, PANEL (R) U (US)	
54	X-2024-488-1	ASSY, PANEL (F) U (US)	
56	X-2024-489-1	ASSY, PANEL (L) U (US)	
58	2-102-667-01	BASE	

Ref. No.	Part No.	Description	Remark
59	4-229-966-12	SCREW (4X16), +BV TAPPING (CND, SP)	
60	4-238-407-02	SCREW (1) (4X20), +BV TAPPING (CND, SP)	
61	A-1066-000-A	SPEAKER CABINET ASSY	
SP1	1-825-965-11	SPEAKER (18cm)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF: µF
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- COILS
  uH: µH
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . , uPA. . , µPA. . ,
  uPB. . : µPB. . , uPC. . , µPC. . ,
  uPD. . : µPD. .
- Abbreviation
  CND : Canadian model
  E41 : Chilean and peruvian models
  EA : Saudi Arabia model
  HK : Hong Kong model
  KR : Korea model
  MX : Mexican model
  RU : Russian model
  SP : Singapore model

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
		15V-REG BOARD			
		**********			
	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3			
		< CAPACITOR >			
C800	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C801	1-117-317-51	ELECT	1000uF	20%	25V
C802	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C803	1-117-344-51	ELECT	1000uF	20%	35V
C804	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
		< CONNECTOR >			
* CN800	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P			
CN801	1-564-507-11	PLUG, CONNECTOR 4P			
CN802	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P			
		< DIODE >			
D800	8-719-084-30	DIODE EC21QS10-TE12L			
		< IC >			
IC800	6-703-655-01	IC SI-8150S			
		< COIL >			
L909	1-456-846-11	INDUCTOR	180uH		
		< TRANSISTOR >			
Q801	1-801-806-11	TRANSISTOR	DTC144EKA		
		< RESISTOR >			
R810	1-216-809-11	METAL CHIP	100	5%	1/10W
R813	1-216-833-11	METAL CHIP	10K	5%	1/10W
R814	1-216-819-11	METAL CHIP	680	5%	1/10W
**********					
		15V-RELAY BOARD			
		**********			
		< CONNECTOR >			
CN951	1-564-241-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
CN952	1-564-241-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
CN953	1-564-507-11	PLUG, CONNECTOR 4P			
**********					

Ref. No.	Part No.	Description			Remark
	A-1065-806-A	AMP BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C101	1-164-346-11	CERAMIC CHIP	1uF		16V
C102	1-164-346-11	CERAMIC CHIP	1uF		16V
C105	1-164-346-11	CERAMIC CHIP	1uF		16V
C106	1-164-346-11	CERAMIC CHIP	1uF		16V
C107	1-164-346-11	CERAMIC CHIP	1uF		16V
C111	1-164-346-11	CERAMIC CHIP	1uF		16V
C112	1-164-346-11	CERAMIC CHIP	1uF		16V
C115	1-164-346-11	CERAMIC CHIP	1uF		16V
C116	1-164-346-11	CERAMIC CHIP	1uF		16V
C117	1-164-346-11	CERAMIC CHIP	1uF		16V
C131	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C132	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C135	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C136	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C137	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C138	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C141	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C142	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C145	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C146	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C147	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C148	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C151	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C152	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C155	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C156	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C157	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C158	1-126-947-11	ELECT	47uF	20%	35V
C161	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C162	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C165	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C166	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C167	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C168	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C171	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C172	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C175	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C176	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C177	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V

AMP

Ref. No.	Part No.	Description			Remark
C178	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C180	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C181	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C182	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C185	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C186	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C187	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C188	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C189	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C191	1-107-898-11	ELECT	2200uF	20%	35V
C192	1-107-898-11	ELECT	2200uF	20%	35V
C195	1-107-898-11	ELECT	2200uF	20%	35V
C196	1-107-898-11	ELECT	2200uF	20%	35V
C197	1-107-898-11	ELECT	2200uF	20%	35V
C199	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C200	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C201	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C202	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C203	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C204	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C209	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C210	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C211	1-136-177-00	FILM	1uF	5%	50V
C212	1-136-177-00	FILM	1uF	5%	50V
C215	1-136-177-00	FILM	1uF	5%	50V
C216	1-136-177-00	FILM	1uF	5%	50V
C217	1-136-177-00	FILM	1uF	5%	50V
C218	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C219	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C221	1-136-177-00	FILM	1uF	5%	50V
C222	1-136-177-00	FILM	1uF	5%	50V
C225	1-136-177-00	FILM	1uF	5%	50V
C226	1-136-177-00	FILM	1uF	5%	50V
C227	1-136-177-00	FILM	1uF	5%	50V
C248	1-126-947-11	ELECT	47uF	20%	35V
C251	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C252	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C255	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C256	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C257	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C261	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C262	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C265	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C266	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C267	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C271	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C272	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C273	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C274	1-125-898-91	CERAMIC CHIP	0.22uF	10%	50V
C275	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C276	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C277	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C278	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C281	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C282	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C283	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C284	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V

Ref. No.	Part No.	Description			Remark
C289	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C290	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C291	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C292	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C293	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C294	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C301	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C302	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C303	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C304	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C305	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C306	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C308	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C309	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C310	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C320	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C321	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C322	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C323	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C324	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C325	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C326	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C327	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C328	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C329	1-126-947-11	ELECT	47uF	20%	35V
C330	1-126-947-11	ELECT	47uF	20%	35V
C331	1-126-947-11	ELECT	47uF	20%	35V
C335	1-126-947-11	ELECT	47uF	20%	35V
C336	1-126-947-11	ELECT	47uF	20%	35V
C337	1-126-947-11	ELECT	47uF	20%	35V
C350	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C351	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C352	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C353	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C354	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C355	1-126-933-11	ELECT	100uF	20%	16V
C356	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C357	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C358	1-126-925-91	ELECT	470uF	20%	10V
C359	1-126-925-91	ELECT	470uF	20%	10V
C360	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C361	1-126-947-11	ELECT	47uF	20%	35V
C362	1-104-658-91	ELECT	100uF	20%	10V
C363	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C366	1-126-934-11	ELECT	220uF	20%	16V
C367	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C368	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C370	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C371	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C372	1-126-960-11	ELECT	1uF	20%	50V
C374	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C375	1-126-933-11	ELECT	100uF	20%	16V
C377	1-126-964-11	ELECT	10uF	20%	50V
C380	1-104-662-91	ELECT	22uF	20%	25V
C381	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C382	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C383	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C384	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V

AMP

Ref. No.	Part No.	Description			Remark
C385	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C391	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C392	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C395	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C396	1-117-370-11	CERAMIC CHIP	10uF		10V
C397	1-117-370-11	CERAMIC CHIP	10uF		10V
C402	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C404	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C405	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C406	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
		< CONNECTOR >			
CN300	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P			
CN301	1-779-285-11	CONNECTOR, FFC (LIF (NON-ZIF)) 17P			
CN302	1-779-277-11	CONNECTOR, FFC (LIF (NON-ZIF)) 9P			
CN306	1-691-766-21	PLUG (MICRO CONNECTOR) 4P			
* CN313	1-564-243-11	PIN, CONNECTOR (3.96mm PITCH) 6P			
CNP303	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
CNP305	1-564-505-11	PLUG, CONNECTOR 2P			
		< DIODE >			
D101	6-500-260-01	DIODE P6SMB39AT3			
D102	6-500-260-01	DIODE P6SMB39AT3			
D105	6-500-260-01	DIODE P6SMB39AT3			
D106	6-500-260-01	DIODE P6SMB39AT3			
D107	6-500-260-01	DIODE P6SMB39AT3			
D201	6-500-260-01	DIODE P6SMB39AT3			
D202	6-500-260-01	DIODE P6SMB39AT3			
D205	6-500-260-01	DIODE P6SMB39AT3			
D206	6-500-260-01	DIODE P6SMB39AT3			
D207	6-500-260-01	DIODE P6SMB39AT3			
D208	8-719-421-15	DIODE MA8027-L			
D303	8-719-988-61	DIODE 1SS355TE-17			
D304	8-719-988-61	DIODE 1SS355TE-17			
		< FERRITE BEAD >			
FB301	1-469-760-21	FERRITE, EMI (SMD) (2012)			
		< IC >			
IC101	6-704-802-01	IC CXD9774M			
IC102	6-704-802-01	IC CXD9774M			
IC105	6-704-802-01	IC CXD9774M			
IC106	6-704-802-01	IC CXD9774M			
IC107	6-704-802-01	IC CXD9774M			
IC108	6-705-979-01	IC CXD9788AR			
IC110	6-705-979-01	IC CXD9788AR			
IC301	6-705-720-01	IC RC4580IDR			
IC303	6-702-300-01	IC TK11118CSCL-G			
IC305	6-701-189-01	IC MC74VHC1GU04DFT1			
		< SHORT >			
JR401	1-216-864-11	SHORT CHIP	0		
JR402	1-216-864-11	SHORT CHIP	0		
JR403	1-216-864-11	SHORT CHIP	0		
JR404	1-216-864-11	SHORT CHIP	0		
JR405	1-216-864-11	SHORT CHIP	0		
JR406	1-216-864-11	SHORT CHIP	0		
JR407	1-216-864-11	SHORT CHIP	0		
JR408	1-216-864-11	SHORT CHIP	0		
JR409	1-216-864-11	SHORT CHIP	0		
JR410	1-216-864-11	SHORT CHIP	0		
JR411	1-216-864-11	SHORT CHIP	0		
JR412	1-216-864-11	SHORT CHIP	0		
JR415	1-216-864-11	SHORT CHIP	0		
		< COIL >			
L121	1-456-680-11	INDUCTOR	10uH		
L122	1-456-680-11	INDUCTOR	10uH		
L125	1-456-680-11	INDUCTOR	10uH		
L126	1-456-680-11	INDUCTOR	10uH		
L127	1-456-680-11	INDUCTOR	10uH		
L131	1-456-680-11	INDUCTOR	10uH		
L132	1-456-680-11	INDUCTOR	10uH		
L135	1-456-680-11	INDUCTOR	10uH		
L136	1-456-680-11	INDUCTOR	10uH		
L137	1-456-680-11	INDUCTOR	10uH		
L302	1-412-939-11	INDUCTOR	1uH		
		< TRANSISTOR >			
Q101	8-729-602-36	TRANSISTOR	2SA1602-F		
Q102	8-729-602-36	TRANSISTOR	2SA1602-F		
Q103	8-729-602-36	TRANSISTOR	2SA1602-F		
Q104	8-729-602-36	TRANSISTOR	2SA1602-F		
Q109	8-729-602-36	TRANSISTOR	2SA1602-F		
Q110	8-729-602-36	TRANSISTOR	2SA1602-F		
Q111	8-729-602-36	TRANSISTOR	2SA1602-F		
Q112	8-729-602-36	TRANSISTOR	2SA1602-F		
Q113	8-729-602-36	TRANSISTOR	2SA1602-F		
Q114	8-729-602-36	TRANSISTOR	2SA1602-F		
Q301	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q303	8-729-801-84	TRANSISTOR	2SB1013-4		
Q304	8-729-901-00	TRANSISTOR	DTC124EK		
		< RESISTOR >			
R101	1-216-295-91	SHORT CHIP	0		
R102	1-216-295-91	SHORT CHIP	0		
R103	1-216-295-91	SHORT CHIP	0		
R104	1-216-295-91	SHORT CHIP	0		
R105	1-216-295-91	SHORT CHIP	0		
R108	1-216-837-11	METAL CHIP	22K	5%	1/10W
R111	1-216-837-11	METAL CHIP	22K	5%	1/10W
R116	1-216-837-11	METAL CHIP	22K	5%	1/10W
R119	1-216-837-11	METAL CHIP	22K	5%	1/10W
R120	1-216-837-11	METAL CHIP	22K	5%	1/10W
R129	1-216-809-11	METAL CHIP	100	5%	1/10W
R131	1-216-864-11	SHORT CHIP	0		
R132	1-216-864-11	SHORT CHIP	0		
R135	1-216-864-11	SHORT CHIP	0		
R136	1-216-864-11	SHORT CHIP	0		
R137	1-216-864-11	SHORT CHIP	0		
R138	1-216-864-11	SHORT CHIP	0		
R139	1-216-864-11	SHORT CHIP	0		
R141	1-216-864-11	SHORT CHIP	0		
R142	1-216-864-11	SHORT CHIP	0		

AMP

Ref. No.	Part No.	Description			Remark
R145	1-216-864-11	SHORT CHIP	0		
R146	1-216-864-11	SHORT CHIP	0		
R147	1-216-864-11	SHORT CHIP	0		
R161	1-216-864-11	SHORT CHIP	0		
R162	1-216-864-11	SHORT CHIP	0		
R165	1-216-864-11	SHORT CHIP	0		
R166	1-216-864-11	SHORT CHIP	0		
R167	1-216-864-11	SHORT CHIP	0		
R171	1-216-864-11	SHORT CHIP	0		
R172	1-216-864-11	SHORT CHIP	0		
R175	1-216-864-11	SHORT CHIP	0		
R176	1-216-864-11	SHORT CHIP	0		
R177	1-216-864-11	SHORT CHIP	0		
R191	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R192	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R195	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R196	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R197	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R201	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R202	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R205	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R206	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R207	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R211	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R212	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R215	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R216	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R217	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R221	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R222	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R225	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R226	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R227	1-216-136-00	RES-CHIP	2.7	5%	1/8W
R229	1-216-809-11	METAL CHIP	100	5%	1/10W
R235	1-216-809-11	METAL CHIP	100	5%	1/10W
R237	1-216-809-11	METAL CHIP	100	5%	1/10W
R239	1-216-809-11	METAL CHIP	100	5%	1/10W
R300	1-216-817-11	METAL CHIP	470	5%	1/10W
R302	1-216-817-11	METAL CHIP	470	5%	1/10W
R303	1-216-817-11	METAL CHIP	470	5%	1/10W
R304	1-216-817-11	METAL CHIP	470	5%	1/10W
R306	1-216-817-11	METAL CHIP	470	5%	1/10W
R308	1-216-817-11	METAL CHIP	470	5%	1/10W
R309	1-216-864-11	SHORT CHIP	0		
R310	1-216-809-11	METAL CHIP	100	5%	1/10W
R312	1-216-809-11	METAL CHIP	100	5%	1/10W
R313	1-216-809-11	METAL CHIP	100	5%	1/10W
R314	1-216-809-11	METAL CHIP	100	5%	1/10W
R315	1-216-803-11	METAL CHIP	33	5%	1/10W
R316	1-216-817-11	METAL CHIP	470	5%	1/10W
R317	1-216-817-11	METAL CHIP	470	5%	1/10W
R319	1-216-833-11	METAL CHIP	10K	5%	1/10W
R320	1-216-864-11	SHORT CHIP	0		
R321	1-216-864-11	SHORT CHIP	0		
R322	1-216-833-11	METAL CHIP	10K	5%	1/10W
R323	1-216-864-11	SHORT CHIP	0		
R325	1-216-864-11	SHORT CHIP	0		
R326	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R328	1-216-864-11	SHORT CHIP	0		
R329	1-216-864-11	SHORT CHIP	0		
R330	1-216-837-11	METAL CHIP	22K	5%	1/10W
R331	1-216-837-11	METAL CHIP	22K	5%	1/10W
R332	1-216-837-11	METAL CHIP	22K	5%	1/10W
R333	1-216-837-11	METAL CHIP	22K	5%	1/10W
R334	1-216-837-11	METAL CHIP	22K	5%	1/10W
R335	1-216-837-11	METAL CHIP	22K	5%	1/10W
R336	1-216-837-11	METAL CHIP	22K	5%	1/10W
R337	1-216-837-11	METAL CHIP	22K	5%	1/10W
R338	1-218-725-11	METAL CHIP	24K	0.5%	1/10W
R339	1-218-725-11	METAL CHIP	24K	0.5%	1/10W
R340	1-216-839-11	METAL CHIP	33K	5%	1/10W
R341	1-216-839-11	METAL CHIP	33K	5%	1/10W
R342	1-216-864-11	SHORT CHIP	0		
R343	1-216-864-11	SHORT CHIP	0		
R345	1-216-833-11	METAL CHIP	10K	5%	1/10W
R346	1-216-817-11	METAL CHIP	470	5%	1/10W
R347	1-216-833-11	METAL CHIP	10K	5%	1/10W
R348	1-216-817-11	METAL CHIP	470	5%	1/10W
R349	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R350	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R351	1-216-817-11	METAL CHIP	470	5%	1/10W
R361	1-216-845-11	METAL CHIP	100K	5%	1/10W
R362	1-216-845-11	METAL CHIP	100K	5%	1/10W
R365	1-216-845-11	METAL CHIP	100K	5%	1/10W
R366	1-216-845-11	METAL CHIP	100K	5%	1/10W
R367	1-216-845-11	METAL CHIP	100K	5%	1/10W
R371	1-216-818-11	METAL CHIP	560	5%	1/10W
R372	1-216-864-11	SHORT CHIP	0		
R373	1-216-864-11	SHORT CHIP	0		
R374	1-216-818-11	METAL CHIP	560	5%	1/10W
R379	1-216-818-11	METAL CHIP	560	5%	1/10W
R380	1-216-864-11	SHORT CHIP	0		
R381	1-216-864-11	SHORT CHIP	0		
R382	1-216-818-11	METAL CHIP	560	5%	1/10W
R383	1-216-864-11	SHORT CHIP	0		
R384	1-216-818-11	METAL CHIP	560	5%	1/10W
R393	1-216-801-11	METAL CHIP	22	5%	1/10W
R394	1-216-857-11	METAL CHIP	1M	5%	1/10W
R395	1-216-845-11	METAL CHIP	100K	5%	1/10W
R396	1-216-809-11	METAL CHIP	100	5%	1/10W
R400	1-216-845-11	METAL CHIP	100K	5%	1/10W
R401	1-216-845-11	METAL CHIP	100K	5%	1/10W
R402	1-216-845-11	METAL CHIP	100K	5%	1/10W
R403	1-216-845-11	METAL CHIP	100K	5%	1/10W
R404	1-216-845-11	METAL CHIP	100K	5%	1/10W
R409	1-216-845-11	METAL CHIP	100K	5%	1/10W
R410	1-216-845-11	METAL CHIP	100K	5%	1/10W
R411	1-216-845-11	METAL CHIP	100K	5%	1/10W
R412	1-216-845-11	METAL CHIP	100K	5%	1/10W
R413	1-216-845-11	METAL CHIP	100K	5%	1/10W
R414	1-216-845-11	METAL CHIP	100K	5%	1/10W
R425	1-216-813-11	METAL CHIP	220	5%	1/10W
R426	1-216-811-11	METAL CHIP	150	5%	1/10W
R428	1-216-841-11	METAL CHIP	47K	5%	1/10W
R429	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

AMP | **COMPONENT** | **DIAT TRANSMITTER**

Ref. No.	Part No.	Description			Remark
R430	1-216-833-11	METAL CHIP	10K	5%	1/10W
R431	1-216-845-11	METAL CHIP	100K	5%	1/10W
R450	1-216-833-11	METAL CHIP	10K	5%	1/10W
R451	1-216-833-11	METAL CHIP	10K	5%	1/10W
R452	1-216-833-11	METAL CHIP	10K	5%	1/10W
R453	1-216-833-11	METAL CHIP	10K	5%	1/10W
R454	1-216-833-11	METAL CHIP	10K	5%	1/10W
R455	1-216-833-11	METAL CHIP	10K	5%	1/10W
R456	1-216-833-11	METAL CHIP	10K	5%	1/10W
R457	1-216-833-11	METAL CHIP	10K	5%	1/10W
R458	1-216-833-11	METAL CHIP	10K	5%	1/10W
R459	1-216-833-11	METAL CHIP	10K	5%	1/10W
R481	1-216-833-11	METAL CHIP	10K	5%	1/10W
R482	1-216-833-11	METAL CHIP	10K	5%	1/10W
R483	1-216-833-11	METAL CHIP	10K	5%	1/10W
R484	1-216-833-11	METAL CHIP	10K	5%	1/10W
R485	1-216-833-11	METAL CHIP	10K	5%	1/10W
R486	1-216-833-11	METAL CHIP	10K	5%	1/10W
R487	1-216-833-11	METAL CHIP	10K	5%	1/10W
R488	1-216-833-11	METAL CHIP	10K	5%	1/10W
R489	1-216-833-11	METAL CHIP	10K	5%	1/10W
R490	1-216-833-11	METAL CHIP	10K	5%	1/10W
R494	1-216-833-11	METAL CHIP	10K	5%	1/10W
R495	1-216-833-11	METAL CHIP	10K	5%	1/10W
R496	1-216-833-11	METAL CHIP	10K	5%	1/10W
R497	1-216-833-11	METAL CHIP	10K	5%	1/10W
R499	1-216-833-11	METAL CHIP	10K	5%	1/10W
R500	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< VIBRATOR >			
X450	1-795-660-21	QUARTZ CRYSTAL UNIT (49,152MHz)			
**********					
		COMPONENT BOARD (EXCEPT AEP, UK, RU)			
		**********			
		< CAPACITOR >			
C950	1-216-864-11	SHORT CHIP	0		
C952	1-126-916-11	ELECT	1000uF	20%	6.3V
C953	1-216-864-11	SHORT CHIP	0		
C954	1-126-916-11	ELECT	1000uF	20%	6.3V
C956	1-126-916-11	ELECT	1000uF	20%	6.3V
C957	1-126-916-11	ELECT	1000uF	20%	6.3V
C958	1-216-864-11	SHORT CHIP	0		
		< CONNECTOR >			
CN911	1-779-281-11	CONNECTOR, FFC (LIF (NON-ZIF)) 13P			
		< JACK >			
J907	1-694-920-21	TERMINAL BOARD (S TERMINAL+1P) (MONITOR OUT)			
J909	1-793-445-11	JACK, PIN 3P (COMPONENT VIDEO OUT)			
		< RESISTOR >			
R950	1-218-285-11	METAL CHIP	75	5%	1/10W
R951	1-218-285-11	METAL CHIP	75	5%	1/10W
R952	1-218-285-11	METAL CHIP	75	5%	1/10W
R953	1-218-285-11	METAL CHIP	75	5%	1/10W
R954	1-218-285-11	METAL CHIP	75	5%	1/10W
R955	1-218-285-11	METAL CHIP	75	5%	1/10W
		< SWITCH >			
S901	1-771-692-11	SWITCH, SLIDE (SCAN SELECT)			
**********					
	A-1065-809-A	DIAT TRANSMITTER BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C801	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C802	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C803	1-126-382-11	ELECT	100uF	20%	16V
C805	1-126-382-11	ELECT	100uF	20%	16V
C806	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C807	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C808	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C809	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C810	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C811	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C812	1-126-382-11	ELECT	100uF	20%	16V
C813	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C814	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C815	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C816	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C817	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C818	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C819	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C820	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C821	1-126-382-11	ELECT	100uF	20%	16V
C822	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C823	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C824	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C825	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C826	1-126-382-11	ELECT	100uF	20%	16V
C827	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C828	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C829	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C830	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C831	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C832	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C833	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C834	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C835	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C836	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C837	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C838	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C839	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C840	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C841	1-115-872-11	ELECT	2.2uF	20%	50V
C842	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C844	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C845	1-126-382-11	ELECT	100uF	20%	16V
C846	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C847	1-126-382-11	ELECT	100uF	20%	16V

DIAT TRANSMITTER PLF

Ref. No.	Part No.	Description			Remark
C848	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C849	1-126-382-11	ELECT	100uF	20%	16V
C850	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C851	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN801	1-784-370-21	CONNECTOR, FFC/FPC 11P			
CN802	1-564-505-11	PLUG, CONNECTOR 2P			
CN803	1-564-505-21	PLUG, CONNECTOR 2P			
		< DIODE >			
D800	8-719-988-61	DIODE 1SS355TE-17			
		< GROUND TERMINAL BOARD >			
EB801	1-537-738-21	TERMINAL, GROUND			
EB802	1-537-738-21	TERMINAL, GROUND			
		< FERRITE BEAD >			
FB801	1-469-835-21	INDUCTOR, FERRITE BEAD			
FB802	1-469-835-21	INDUCTOR, FERRITE BEAD			
FB804	1-414-234-22	INDUCTOR, FERRITE BEAD			
		< IC >			
IC801	6-704-261-01	IC TK11225CMCL-G			
IC802	8-759-491-47	IC TC74VHCT08AFT (EL)			
IC803	8-759-549-01	IC SN74LV125APWR			
IC804	8-752-425-05	IC CXD4016R			
IC805	8-759-684-21	IC AD8057ART-REEL7			
		< SHORT >			
JR801	1-216-864-11	SHORT CHIP	0		
JR802	1-216-864-11	SHORT CHIP	0		
JR803	1-216-864-11	SHORT CHIP	0		
JR804	1-216-864-11	SHORT CHIP	0		
JR805	1-216-864-11	SHORT CHIP	0		
JR806	1-216-864-11	SHORT CHIP	0		
		< COIL >			
L801	1-469-525-91	INDUCTOR	10uH		
L802	1-469-525-91	INDUCTOR	10uH		
L803	1-469-525-91	INDUCTOR	10uH		
L804	1-469-525-91	INDUCTOR	10uH		
L805	1-469-525-91	INDUCTOR	10uH		
L806	1-469-525-91	INDUCTOR	10uH		
L807	1-469-525-91	INDUCTOR	10uH		
L808	1-469-525-91	INDUCTOR	10uH		
L809	1-469-525-91	INDUCTOR	10uH		
L810	1-469-525-91	INDUCTOR	10uH		
L811	1-400-305-11	INDUCTOR	47uH		
		< TRANSISTOR >			
Q801	8-729-230-49	TRANSISTOR	2SC2712-YG		
		< RESISTOR >			
R802	1-216-833-11	METAL CHIP	10K	5%	1/10W
R803	1-216-809-11	METAL CHIP	100	5%	1/10W
R804	1-216-809-11	METAL CHIP	100	5%	1/10W
R805	1-216-809-11	METAL CHIP	100	5%	1/10W
R806	1-216-809-11	METAL CHIP	100	5%	1/10W
R807	1-216-809-11	METAL CHIP	100	5%	1/10W
R808	1-216-809-11	METAL CHIP	100	5%	1/10W
R809	1-216-809-11	METAL CHIP	100	5%	1/10W
R810	1-216-809-11	METAL CHIP	100	5%	1/10W
R811	1-216-821-11	METAL CHIP	1K	5%	1/10W
R812	1-216-815-11	METAL CHIP	330	5%	1/10W
R813	1-216-813-11	METAL CHIP	220	5%	1/10W
R814	1-216-809-11	METAL CHIP	100	5%	1/10W
R815	1-216-815-11	METAL CHIP	330	5%	1/10W
R816	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R817	1-216-821-11	METAL CHIP	1K	5%	1/10W
R818	1-216-821-11	METAL CHIP	1K	5%	1/10W
R819	1-216-821-11	METAL CHIP	1K	5%	1/10W
R820	1-216-813-11	METAL CHIP	220	5%	1/10W
R821	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R822	1-216-811-11	METAL CHIP	150	5%	1/10W
R823	1-216-813-11	METAL CHIP	220	5%	1/10W
R824	1-216-817-11	METAL CHIP	470	5%	1/10W
R825	1-216-833-11	METAL CHIP	10K	5%	1/10W
R826	1-216-811-11	METAL CHIP	150	5%	1/10W
R827	1-216-811-11	METAL CHIP	150	5%	1/10W
R829	1-216-835-11	METAL CHIP	15K	5%	1/10W
R830	1-216-833-11	METAL CHIP	10K	5%	1/10W
R831	1-220-397-11	METAL CHIP	4.7M	5%	1/10W
R832	1-216-833-11	METAL CHIP	10K	5%	1/10W
R833	1-216-833-11	METAL CHIP	10K	5%	1/10W
R834	1-216-833-11	METAL CHIP	10K	5%	1/10W
R835	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R836	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R837	1-216-803-11	METAL CHIP	33	5%	1/10W
R838	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< VARIABLE RESISTOR >			
RV801	1-223-582-11	RES, ADJ, CARBON	470		
		< VIBRATOR >			
X801	1-795-044-21	VIBRATOR, CRYSTAL (24.576MHz)			

****

PLF BOARD
****

< CAPACITOR >

⚠C900	1-104-705-51	CAP, FILM (POWER)	0.1MF		
⚠C901	1-117-693-11	CAP, CERAMIC	100PF	10%	250V
⚠C902	1-117-693-11	CAP, CERAMIC	100PF	10%	250V

< CONNECTOR >

* CN901	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P	

< LINE FILTER >

⚠LF900	1-456-082-11	COIL, LINE FILTER (EXCEPT US, CND, MX)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

PLF **SCART** **SPK-OUT** **SW-MAIN**

Ref. No.	Part No.	Description			Remark
⚠LF900	1-456-206-11	COIL, LINE FILTER (US, CND, MX)			
**********					
		SCART BOARD (AEP, UK, RU)			
		**********			
		< CAPACITOR >			
C912	1-216-864-11	SHORT CHIP	0		
C918	1-126-916-11	ELECT	1000uF	20%	6.3V
C920	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C922	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C925	1-126-916-11	ELECT	1000uF	20%	6.3V
C929	1-126-916-11	ELECT	1000uF	20%	6.3V
C936	1-216-864-11	SHORT CHIP	0		
		< CONNECTOR >			
CN906	1-784-213-11	FFC/CONNECTOR, FPC (LIF (BIB-ZIF)) 14P			
		< JACK >			
J905	1-815-911-11	CONNECTOR, SQUARE TYPE 21P (EURO AV)			
		< RESISTOR >			
R920	1-218-285-11	METAL CHIP	75	5%	1/10W
R922	1-218-285-11	METAL CHIP	75	5%	1/10W
R935	1-218-285-11	METAL CHIP	75	5%	1/10W
R939	1-218-285-11	METAL CHIP	75	5%	1/10W
R940	1-216-864-11	SHORT CHIP	0		
**********					
		SPK-OUT BOARD			
		**********			
		< CAPACITOR >			
C940	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C941	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C942	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C943	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C944	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C945	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C946	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C947	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C948	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C949	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C962	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C963	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C964	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C965	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C966	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C967	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C968	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C969	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C970	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C971	1-162-974-11	CERAMIC CHIP	0.01uF		50V
		< CONNECTOR >			
CN907	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
* CN909	1-564-243-11	PIN, CONNECTOR (3.96mm PITCH) 6P			
CN914	1-818-651-11	PIN, CONNECTOR 2P			
CN915	1-818-651-21	PIN, CONNECTOR 2P			

Ref. No.	Part No.	Description			Remark
		< JACK >			
J906	1-780-144-11	TERMINAL BOARD (SPEAKER)			
**********					
	A-1065-792-A	SW-MAIN BOARD, COMPLETE (AEP, UK, RU)			
	A-1065-839-A	SW-MAIN BOARD, COMPLETE (US, CND, MX)			
	A-1065-875-A	SW-MAIN BOARD, COMPLETE			(EA, SP, HK, KR, E41)
		**********			
		< CAPACITOR >			
C501	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C502	1-124-778-00	ELECT CHIP	22uF	20%	6.3V
C503	1-216-864-11	SHORT CHIP	0		
C504	1-216-864-11	SHORT CHIP	0		
C505	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C506	1-216-864-11	SHORT CHIP	0		
C507	1-216-864-11	SHORT CHIP	0		
C508	1-216-864-11	SHORT CHIP	0		
C511	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C512	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C513	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C514	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C515	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (AEP, UK, RU)
C516	1-128-995-21	ELECT CHIP	100uF	20%	10V (AEP, UK, RU)
C517	1-128-995-21	ELECT CHIP	100uF	20%	10V
C518	1-128-995-21	ELECT CHIP	100uF	20%	10V
C519	1-128-995-21	ELECT CHIP	100uF	20%	10V
C520	1-128-995-21	ELECT CHIP	100uF	20%	10V
C521	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C524	1-128-995-21	ELECT CHIP	100uF	20%	10V
C530	1-126-395-11	ELECT CHIP	22uF	20%	16V
C531	1-126-395-11	ELECT CHIP	22uF	20%	16V
C536	1-128-995-21	ELECT CHIP	100uF	20%	10V
C537	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C538	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (AEP, UK, RU)
C539	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (AEP, UK, RU)
C540	1-128-995-21	ELECT CHIP	100uF	20%	10V (AEP, UK, RU)
C541	1-128-995-21	ELECT CHIP	100uF	20%	10V (AEP, UK, RU)
C542	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C545	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C546	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C547	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C548	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C549	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C550	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C551	1-128-995-21	ELECT CHIP	100uF	20%	10V (AEP, UK, RU)
C552	1-128-995-21	ELECT CHIP	100uF	20%	10V
C553	1-128-995-21	ELECT CHIP	100uF	20%	10V

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SW-MAIN

Ref. No.	Part No.	Description			Remark
C554	1-128-995-21	ELECT CHIP	100uF	20%	10V
C555	1-164-156-11	CERAMIC CHIP	0.1uF		25V (AEP, UK, RU)
C556	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C557	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C558	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C559	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C560	1-128-995-21	ELECT CHIP	100uF	20%	10V
C561	1-128-995-21	ELECT CHIP	100uF	20%	10V
C563	1-128-995-21	ELECT CHIP	100uF	20%	10V
C564	1-128-995-21	ELECT CHIP	100uF	20%	10V
C565	1-164-156-11	CERAMIC CHIP	0.1uF		25V (AEP, UK, RU)
C566	1-124-779-00	ELECT CHIP	10uF	20%	16V
C567	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C568	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C569	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C570	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C573	1-128-995-21	ELECT CHIP	100uF	20%	10V
C574	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C576	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C577	1-128-995-21	ELECT CHIP	100uF	20%	10V
C578	1-124-779-00	ELECT CHIP	10uF	20%	16V
C579	1-124-779-00	ELECT CHIP	10uF	20%	16V
C580	1-124-779-00	ELECT CHIP	10uF	20%	16V
C581	1-124-779-00	ELECT CHIP	10uF	20%	16V
C582	1-124-779-00	ELECT CHIP	10uF	20%	16V
C583	1-124-779-00	ELECT CHIP	10uF	20%	16V
C584	1-117-370-11	CERAMIC CHIP	10uF		10V
C585	1-117-370-11	CERAMIC CHIP	10uF		10V
C586	1-117-370-11	CERAMIC CHIP	10uF		10V
C587	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C588	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C589	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C590	1-117-370-11	CERAMIC CHIP	10uF		10V
C591	1-117-370-11	CERAMIC CHIP	10uF		10V
C592	1-117-370-11	CERAMIC CHIP	10uF		10V
C593	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C594	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C595	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C596	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C597	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C598	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C599	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C600	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C601	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C602	1-117-370-11	CERAMIC CHIP	10uF		10V
C603	1-117-370-11	CERAMIC CHIP	10uF		10V
C604	1-117-370-11	CERAMIC CHIP	10uF		10V
C605	1-216-864-11	SHORT CHIP	0		
C606	1-216-864-11	SHORT CHIP	0		
C607	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C608	1-117-370-11	CERAMIC CHIP	10uF		10V
C609	1-216-864-11	SHORT CHIP	0		
C610	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C611	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C612	1-117-370-11	CERAMIC CHIP	10uF		10V
C613	1-216-864-11	SHORT CHIP	0		
C614	1-216-864-11	SHORT CHIP	0		
C615	1-216-864-11	SHORT CHIP	0		
C616	1-124-779-00	ELECT CHIP	10uF	20%	16V (EXCEPT AEP, UK, RU)
C617	1-216-864-11	SHORT CHIP	0		
C622	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C623	1-100-717-91	CERAMIC CHIP	1uF		16V
C624	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C625	1-100-388-21	ELECT CHIP	39uF	20%	16V
C626	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C627	1-100-717-91	CERAMIC CHIP	1uF		16V
C628	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C629	1-100-388-21	ELECT CHIP	39uF	20%	16V
C630	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C631	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C632	1-117-370-11	CERAMIC CHIP	10uF		10V
C633	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C634	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C635	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C636	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C637	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C638	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C639	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C640	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C641	1-162-912-11	CERAMIC CHIP	7PF	0.5PF	50V
C642	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C644	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C645	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C646	1-126-246-11	ELECT CHIP	220uF	20%	4V
C647	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C648	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C649	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C650	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C651	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C652	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C653	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C654	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C655	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C656	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C657	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C658	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C659	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C660	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C661	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C662	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C663	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C664	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C665	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C666	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C667	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C668	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C669	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C670	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C671	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C672	1-126-246-11	ELECT CHIP	220uF	20%	4V
C673	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C674	1-164-156-11	CERAMIC CHIP	0.1uF		25V

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Ref. No.	Part No.	Description			Remark
C675	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C676	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C677	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C679	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C681	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C682	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C683	1-128-995-21	ELECT CHIP	100uF	20%	10V
C684	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C685	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C686	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C687	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C688	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C689	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C690	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C691	1-216-864-11	SHORT CHIP	0		
C692	1-216-864-11	SHORT CHIP	0		
C693	1-216-864-11	SHORT CHIP	0		
C694	1-216-864-11	SHORT CHIP	0		
		< CONNECTOR >			
CN501	1-568-830-11	CONNECTOR, FFC 11P (EXCEPT AEP, UK, RU)			
CN501	1-784-776-11	CONNECTOR, FFC 15P (AEP, UK, RU)			
CN502	1-817-979-21	CONNECTOR (SQUARE TYPE) (SMD) 30P (SYSTEM CONNECTOR)			
* CN505	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
CN506	1-815-875-21	PIN, CONNECTOR (PC BOARD) 12P			
CN508	1-779-993-11	PIN, CONNECTOR (PWB) 5P			
CN509	1-784-370-21	CONNECTOR, FFC/FPC 11P			
CN510	1-784-368-11	CONNECTOR, FFC/FPC 9P			
CN511	1-784-376-11	CONNECTOR, FFC/FPC 17P			
CN512	1-784-367-11	CONNECTOR, FFC/FPC 8P			
CN514	1-778-692-11	CONNECTOR, FFC/FPC 21P (EXCEPT AEP, UK, RU)			
CN514	1-793-991-11	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 23P (AEP, UK, RU)			
		< DIODE >			
D502	8-719-988-61	DIODE 1SS355TE-17			
D503	8-719-988-61	DIODE 1SS355TE-17			
D504	8-719-056-48	DIODE 1SS388 (TPL3)			
D505	8-719-056-48	DIODE 1SS388 (TPL3)			
D507	8-719-988-61	DIODE 1SS355TE-17			
D508	8-719-988-61	DIODE 1SS355TE-17			
D509	8-719-988-61	DIODE 1SS355TE-17			
		< FERRITE BEAD >			
FB500	1-400-382-11	EMI FERRITE (SMD) (1608)			
FB501	1-416-976-11	FERRITE, EMI (SMD) (3216)			
FB502	1-416-976-11	FERRITE, EMI (SMD) (3216)			
FB503	1-416-976-11	FERRITE, EMI (SMD) (3216)			
FB504	1-416-976-11	FERRITE, EMI (SMD) (3216)			
FB505	1-416-976-11	FERRITE, EMI (SMD) (3216)			
FB506	1-416-976-11	FERRITE, EMI (SMD) (3216)			
FB507	1-400-382-11	EMI FERRITE (SMD) (1608)			
FB508	1-400-382-11	EMI FERRITE (SMD) (1608)			
FB509	1-400-382-11	EMI FERRITE (SMD) (1608)			
FB510	1-400-382-11	EMI FERRITE (SMD) (1608)			
FB511	1-400-382-11	EMI FERRITE (SMD) (1608)			

Ref. No.	Part No.	Description	Remark
FB512	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB513	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB514	1-414-760-21	FERRITE, EMI (SMD) (1608)	
FB515	1-414-760-21	FERRITE, EMI (SMD) (1608)	
FB516	1-414-760-21	FERRITE, EMI (SMD) (1608)	
FB517	1-414-760-21	FERRITE, EMI (SMD) (1608)	
FB518	1-414-760-21	FERRITE, EMI (SMD) (1608)	
FB519	1-414-760-21	FERRITE, EMI (SMD) (1608)	
FB520	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB521	1-414-760-21	FERRITE, EMI (SMD) (1608)	
FB522	1-400-382-11	EMI FERRITE (SMD) (1608)	
FB523	1-414-760-21	FERRITE, EMI (SMD) (1608)	
FB524	1-500-284-21	INDUCTOR, FERRITE BEAD (AEP, UK, RU)	
		< IC >	
IC501	6-600-014-01	IC TORX141L (OPTICAL DIGITAL IN)	
IC503	8-759-385-76	IC MC14052 BDR2	
IC505	8-759-385-76	IC MC14052 BDR2 (AEP, UK, RU)	
IC506	6-706-758-01	IC SN74LVC3G34DCUR	
IC507	8-759-572-38	IC NJM2140R	
IC508	8-759-572-38	IC NJM2140R	
IC509	8-759-572-38	IC NJM2140R	
IC510	8-759-697-21	IC NJM4565V (TE2)	
IC511	6-701-834-01	IC PCM1802DBR	
IC512	6-701-834-01	IC PCM1802DBR	
IC513	6-701-834-01	IC PCM1802DBR	
IC514	6-703-589-01	IC SN74LVC1G125DCKR	
IC515	6-703-883-01	IC MM1575ANLEG	
IC516	6-705-338-01	IC TK11250CMCL-G	
IC517	8-759-460-79	IC BA09FP-E2	
IC518	8-759-460-79	IC BA09FP-E2	
IC519	8-759-825-15	IC LC89056W-E	
IC520	8-759-238-47	IC TC74HCT7007AF (EL)	
IC521	6-703-589-01	IC SN74LVC1G125DCKR	
IC522	8-759-549-07	IC SN74LV157APWR	
IC523	8-759-491-47	IC TC74VHCT08AFT (EL)	
IC524	8-759-238-47	IC TC74HCT7007AF (EL)	
IC525	6-705-843-01	IC CXD9720BQ	
IC526	6-804-634-01	IC uPD703033BYGF-M58-3BA-A	
IC527	6-704-037-01	IC IC61LV6416-15TG	
IC528	8-759-835-63	IC NJM2391DL1-26 (TE1)	
IC529	8-759-549-20	IC SN74LV541APWR	
IC530	6-701-189-01	IC MC74VHC1GU04DFT1	
IC531	6-706-087-01	IC PST3645NR	
		< JACK >	
J501	1-784-429-11	JACK, PIN 4P (VIDEO(AUDIO IN)/SAT(AUDIO IN))	
J502	1-818-648-11	JACK (SMALL TYPE) 3P (REMOTE CONTROL)	
		< COIL >	
L501	1-469-525-91	INDUCTOR 10uH	
L502	1-469-525-91	INDUCTOR 10uH	
L504	1-469-525-91	INDUCTOR 10uH	
L507	1-469-525-91	INDUCTOR 10uH	
L508	1-469-525-91	INDUCTOR 10uH	
L509	1-469-525-91	INDUCTOR 10uH	
L510	1-469-525-91	INDUCTOR 10uH	

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Ref. No.	Part No.	Description			Remark
L511	1-469-525-91	INDUCTOR	10uH		
L512	1-469-525-91	INDUCTOR	10uH		
L513	1-469-525-91	INDUCTOR	10uH		
L514	1-469-525-91	INDUCTOR	10uH		
		< TRANSISTOR >			
Q503	8-729-901-00	TRANSISTOR	DTC124EK		
Q504	8-729-901-00	TRANSISTOR	DTC124EK		
Q505	8-729-901-00	TRANSISTOR	DTC124EK (AEP, UK, RU)		
Q506	8-729-901-00	TRANSISTOR	DTC124EK		
Q507	1-801-806-11	TRANSISTOR	DTC144EKA		
Q508	1-801-806-11	TRANSISTOR	DTC144EKA		
Q514	8-729-901-00	TRANSISTOR	DTC124EK		
Q515	8-729-901-00	TRANSISTOR	DTC124EK		
Q516	8-729-901-00	TRANSISTOR	DTC124EK		
Q517	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
		< RESISTOR >			
R500	1-216-809-11	METAL CHIP	100	5% 1/10W	
R501	1-216-809-11	METAL CHIP	100	5% 1/10W	
R502	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R503	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R504	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R505	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R506	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R507	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R508	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R509	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R510	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W	
R511	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W	
R512	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W	
R513	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W	
R514	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R515	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R516	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R517	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R525	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R526	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R527	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R528	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R531	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R532	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R533	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W	
R534	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W	
R535	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R536	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R537	1-216-845-11	METAL CHIP	100K	5% 1/10W	
R538	1-216-845-11	METAL CHIP	100K	5% 1/10W	
R547	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)		
R552	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)		
R555	1-216-839-11	METAL CHIP	33K	5% 1/10W	
R556	1-216-839-11	METAL CHIP	33K	5% 1/10W	
R557	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W (AEP, UK, RU)	
R558	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W (AEP, UK, RU)	
R559	1-216-841-11	METAL CHIP	47K	5% 1/10W (AEP, UK, RU)	
R560	1-216-841-11	METAL CHIP	47K	5% 1/10W (AEP, UK, RU)	
R561	1-216-839-11	METAL CHIP	33K	5% 1/10W	
R562	1-216-839-11	METAL CHIP	33K	5% 1/10W	
R563	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R564	1-216-833-11	METAL CHIP	10K	5% 1/10W (AEP, UK, RU)	
R565	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R566	1-216-833-11	METAL CHIP	10K	5% 1/10W (AEP, UK, RU)	
R567	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R568	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R569	1-216-809-11	METAL CHIP	100	5% 1/10W	
R570	1-216-809-11	METAL CHIP	100	5% 1/10W	
R571	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R572	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R573	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R574	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R575	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R576	1-216-809-11	METAL CHIP	100	5% 1/10W	
R577	1-216-809-11	METAL CHIP	100	5% 1/10W	
R578	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R579	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R580	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R581	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R582	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R583	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R584	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R587	1-216-864-11	SHORT CHIP	0		
R588	1-216-864-11	SHORT CHIP	0		
R589	1-216-864-11	SHORT CHIP	0		
R590	1-216-864-11	SHORT CHIP	0		
R591	1-216-864-11	SHORT CHIP	0		
R592	1-216-864-11	SHORT CHIP	0		
R593	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R594	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R595	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R596	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R597	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R598	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R599	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R601	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R603	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R605	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R606	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R607	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R608	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R609	1-216-809-11	METAL CHIP	100	5% 1/10W (AEP, UK, RU)	
R610	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R612	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R614	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R616	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R617	1-216-829-11	METAL CHIP	4.7K	5% 1/10W	
R618	1-216-833-11	METAL CHIP	10K	5% 1/10W (AEP, UK, RU)	
R619	1-216-833-11	METAL CHIP	10K	5% 1/10W (AEP, UK, RU)	
R620	1-216-817-11	METAL CHIP	470	5% 1/10W	

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Ref. No.	Part No.	Description			Remark
R621	1-216-817-11	METAL CHIP	470	5%	1/10W
R622	1-216-817-11	METAL CHIP	470	5%	1/10W
R623	1-216-817-11	METAL CHIP	470	5%	1/10W
R624	1-216-820-11	METAL CHIP	820	5%	1/10W
R625	1-216-820-11	METAL CHIP	820	5%	1/10W
R626	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R627	1-216-817-11	METAL CHIP	470	5%	1/10W
R628	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R629	1-216-817-11	METAL CHIP	470	5%	1/10W
R630	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R631	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R632	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R633	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R634	1-216-821-11	METAL CHIP	1K	5%	1/10W
R635	1-216-821-11	METAL CHIP	1K	5%	1/10W
R636	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)		
R641	1-216-864-11	SHORT CHIP	0		
R642	1-216-809-11	METAL CHIP	100	5%	1/10W
R643	1-216-809-11	METAL CHIP	100	5%	1/10W
R644	1-216-809-11	METAL CHIP	100	5%	1/10W
R646	1-216-809-11	METAL CHIP	100	5%	1/10W
R647	1-216-864-11	SHORT CHIP	0		
R648	1-216-809-11	METAL CHIP	100	5%	1/10W
R649	1-216-809-11	METAL CHIP	100	5%	1/10W
R650	1-216-809-11	METAL CHIP	100	5%	1/10W
R651	1-216-809-11	METAL CHIP	100	5%	1/10W
R652	1-216-809-11	METAL CHIP	100	5%	1/10W
R653	1-216-809-11	METAL CHIP	100	5%	1/10W
R654	1-216-817-11	METAL CHIP	470	5%	1/10W
R655	1-216-817-11	METAL CHIP	470	5%	1/10W
R656	1-216-817-11	METAL CHIP	470	5%	1/10W
R657	1-216-817-11	METAL CHIP	470	5%	1/10W
R658	1-216-817-11	METAL CHIP	470	5%	1/10W
R659	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R660	1-216-845-11	METAL CHIP	100K	5%	1/10W
R661	1-216-809-11	METAL CHIP	100	5%	1/10W
R662	1-216-833-11	METAL CHIP	10K	5%	1/10W
R663	1-216-864-11	SHORT CHIP	0		
R664	1-216-864-11	SHORT CHIP	0		
R672	1-216-833-11	METAL CHIP	10K	5%	1/10W
R673	1-216-839-11	METAL CHIP	33K	5%	1/10W
R674	1-216-809-11	METAL CHIP	100	5%	1/10W
R675	1-216-809-11	METAL CHIP	100	5%	1/10W
R676	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R677	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R678	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R679	1-216-821-11	METAL CHIP	1K	5%	1/10W
R680	1-216-833-11	METAL CHIP	10K	5%	1/10W
R681	1-216-809-11	METAL CHIP	100	5%	1/10W
R682	1-216-809-11	METAL CHIP	100	5%	1/10W
R683	1-216-809-11	METAL CHIP	100	5%	1/10W
R684	1-216-809-11	METAL CHIP	100	5%	1/10W
R685	1-216-809-11	METAL CHIP	100	5%	1/10W
R686	1-216-809-11	METAL CHIP	100	5%	1/10W
R687	1-216-809-11	METAL CHIP	100	5%	1/10W
R688	1-216-809-11	METAL CHIP	100	5%	1/10W
R689	1-216-809-11	METAL CHIP	100	5%	1/10W
R690	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R691	1-216-809-11	METAL CHIP	100	5%	1/10W
R692	1-216-805-11	METAL CHIP	47	5%	1/10W
R693	1-216-805-11	METAL CHIP	47	5%	1/10W
R695	1-216-807-11	METAL CHIP	68	5%	1/10W
R696	1-216-857-11	METAL CHIP	1M	5%	1/10W
R697	1-216-809-11	METAL CHIP	100	5%	1/10W
R698	1-216-809-11	METAL CHIP	100	5%	1/10W
R699	1-216-809-11	METAL CHIP	100	5%	1/10W
R700	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R702	1-216-821-11	METAL CHIP	1K	5%	1/10W
R703	1-414-226-21	INDUCTOR, FERRITE BEAD			
R704	1-414-226-21	INDUCTOR, FERRITE BEAD			
R705	1-216-809-11	METAL CHIP	100	5%	1/10W
R706	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R707	1-216-814-11	METAL CHIP	270	5%	1/10W
R708	1-216-821-11	METAL CHIP	1K	5%	1/10W
R709	1-216-801-11	METAL CHIP	22	5%	1/10W
R724	1-216-809-11	METAL CHIP	100	5%	1/10W
R725	1-216-809-11	METAL CHIP	100	5%	1/10W
R726	1-216-809-11	METAL CHIP	100	5%	1/10W
R727	1-216-809-11	METAL CHIP	100	5%	1/10W
R730	1-216-809-11	METAL CHIP	100	5%	1/10W
R731	1-216-835-11	METAL CHIP	15K	5%	1/10W
R732	1-216-821-11	METAL CHIP	1K	5%	1/10W
R733	1-216-833-11	METAL CHIP	10K	5%	1/10W
R734	1-216-809-11	METAL CHIP	100	5%	1/10W
R735	1-216-809-11	METAL CHIP	100	5%	1/10W
R736	1-216-809-11	METAL CHIP	100	5%	1/10W
R738	1-216-809-11	METAL CHIP	100	5%	1/10W
R739	1-216-809-11	METAL CHIP	100	5%	1/10W
R740	1-216-833-11	METAL CHIP	10K	5%	1/10W
R741	1-216-809-11	METAL CHIP	100	5%	1/10W
R742	1-216-833-11	METAL CHIP	10K	5%	1/10W
R743	1-216-857-11	METAL CHIP	1M	5%	1/10W
R744	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R745	1-216-809-11	METAL CHIP	100	5%	1/10W
R746	1-216-809-11	METAL CHIP	100	5%	1/10W
R747	1-216-833-11	METAL CHIP	10K	5%	1/10W
R748	1-216-809-11	METAL CHIP	100	5%	1/10W
R749	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R750	1-216-809-11	METAL CHIP	100	5%	1/10W
R751	1-216-809-11	METAL CHIP	100	5%	1/10W
R752	1-216-809-11	METAL CHIP	100	5%	1/10W
R754	1-216-809-11	METAL CHIP	100	5%	1/10W
R755	1-216-809-11	METAL CHIP	100	5%	1/10W
R756	1-216-809-11	METAL CHIP	100	5%	1/10W
R757	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R758	1-216-833-11	METAL CHIP	10K	5%	1/10W
R759	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R760	1-216-809-11	METAL CHIP	100	5%	1/10W
R761	1-216-833-11	METAL CHIP	10K	5%	1/10W
R762	1-216-809-11	METAL CHIP	100	5%	1/10W
R763	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R764	1-216-809-11	METAL CHIP	100	5%	1/10W
R765	1-216-833-11	METAL CHIP	10K	5%	1/10W
R766	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R767	1-216-833-11	METAL CHIP	10K	5%	1/10W

SW-MAIN VIDEO-I/O

Ref. No.	Part No.	Description			Remark
R768	1-216-805-11	METAL CHIP	47	5%	1/10W
R769	1-216-805-11	METAL CHIP	47	5%	1/10W
R770	1-216-833-11	METAL CHIP	10K	5%	1/10W
R771	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R772	1-216-833-11	METAL CHIP	10K	5%	1/10W
R773	1-216-809-11	METAL CHIP	100	5%	1/10W
R774	1-216-805-11	METAL CHIP	47	5%	1/10W
R775	1-216-809-11	METAL CHIP	100	5%	1/10W
R776	1-216-809-11	METAL CHIP	100	5%	1/10W
R777	1-216-809-11	METAL CHIP	100	5%	1/10W
R778	1-216-809-11	METAL CHIP	100	5%	1/10W
R779	1-216-809-11	METAL CHIP	100	5%	1/10W
R780	1-216-809-11	METAL CHIP	100	5%	1/10W
R781	1-216-821-11	METAL CHIP	1K	5%	1/10W
R782	1-216-821-11	METAL CHIP	1K	5%	1/10W
R783	1-216-833-11	METAL CHIP	10K	5%	1/10W
R784	1-216-819-11	METAL CHIP	680	5%	1/10W
R785	1-216-833-11	METAL CHIP	10K	5%	1/10W
R786	1-216-833-11	METAL CHIP	10K	5%	1/10W
R787	1-216-841-11	METAL CHIP	47K	5%	1/10W
R798	1-216-864-11	SHORT CHIP	0 (AEP, UK, RU)		
R799	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)		
R801	1-216-833-11	METAL CHIP	10K	5%	1/10W
R802	1-216-833-11	METAL CHIP	10K	5%	1/10W
R803	1-216-833-11	METAL CHIP	10K	5%	1/10W
R804	1-218-285-11	METAL CHIP	75	5%	1/10W
R805	1-218-285-11	METAL CHIP	75	5%	1/10W
R806	1-218-285-11	METAL CHIP	75	5%	1/10W
R807	1-218-285-11	METAL CHIP	75	5%	1/10W
R808	1-216-833-11	METAL CHIP	10K	5%	1/10W
R809	1-216-821-11	METAL CHIP	1K	5%	1/10W
R811	1-216-833-11	METAL CHIP	10K	5%	1/10W
R812	1-216-833-11	METAL CHIP	10K	5%	1/10W
R815	1-216-833-11	METAL CHIP	10K	5%	1/10W
R816	1-216-833-11	METAL CHIP	10K	5%	1/10W
R817	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< COMPOSITION CIRCUIT BLOCK >			
RB501	1-239-412-11	NETWORK RESISTOR (CHIP)	100		
RB502	1-239-412-11	NETWORK RESISTOR (CHIP)	100		
RB503	1-239-412-11	NETWORK RESISTOR (CHIP)	100		
RB504	1-239-412-11	NETWORK RESISTOR (CHIP)	100		
RB505	1-239-412-11	NETWORK RESISTOR (CHIP)	100		
RB506	1-239-412-11	NETWORK RESISTOR (CHIP)	100		
RB507	1-239-412-11	NETWORK RESISTOR (CHIP)	100		
RB508	1-239-412-11	NETWORK RESISTOR (CHIP)	100		
		< VIBRATOR >			
X500	1-795-692-11	QUARTZ CRYSTAL UNIT (24.576MHz)			
X501	1-813-325-11	VIBRATOR, CRYSTAL (13.90MHz)			
X502	1-781-945-21	VIBRATOR, CERAMIC (20MHz)			
**********					
	A-1065-800-A	VIDEO-I/O BOARD, COMPLETE (AEP, UK, RU)			
	A-1065-843-A	VIDEO-I/O BOARD, COMPLETE (US, CND)			
	A-1065-879-A	VIDEO-I/O BOARD, COMPLETE (EA, SP, HK, KR, MX, E41)			
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Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C910	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C911	1-164-156-11	CERAMIC CHIP	0.1uF		25V (EXCEPT AEP, UK, RU)
C913	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C915	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C919	1-216-864-11	SHORT CHIP	0		
C921	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C923	1-104-662-91	ELECT	22uF	20%	25V
C924	1-104-658-91	ELECT	100uF	20%	10V
C926	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C927	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C928	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C930	1-115-156-11	CERAMIC CHIP	1uF		10V
C931	1-115-156-11	CERAMIC CHIP	1uF		10V
C932	1-126-960-11	ELECT	1uF	20%	50V (AEP, UK, RU)
C932	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP, UK, RU)
C933	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C934	1-126-964-11	ELECT	10uF	20%	50V
C935	1-126-964-11	ELECT	10uF	20%	50V
C937	1-104-658-91	ELECT	100uF	20%	10V
C938	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C939	1-126-964-11	ELECT	10uF	20%	50V
C951	1-126-916-11	ELECT	1000uF	20%	6.3V
C959	1-216-864-11	SHORT CHIP	0		
C960	1-216-864-11	SHORT CHIP	0		
C961	1-126-964-11	ELECT	10uF	20%	50V (AEP, UK, RU)
		< CONNECTOR >			
CN903	1-779-281-11	CONNECTOR, FFC (LIF (NON-ZIF)) 13P			(EXCEPT AEP, UK, RU)
CN903	1-784-213-11	FFC/CONNECTOR, FPC (LIF (BIB-ZIF)) 14P			(AEP, UK, RU)
CN912	1-779-289-11	CONNECTOR, FFC (LIF (NON-ZIF)) 21P			(EXCEPT AEP, UK, RU)
CN912	1-779-291-11	CONNECTOR, FFC (LIF (NON-ZIF)) 23P			(AEP, UK, RU)
		< DIODE >			
D503	8-719-988-61	DIODE 1SS355TE-17 (AEP, UK, RU)			
		< FERRITE BEAD >			
FB901	1-469-144-21	FERRITE, EMI (SMD) (2012)			
FB902	1-216-864-11	SHORT CHIP 0			
FB903	1-469-144-21	FERRITE, EMI (SMD) (2012)			
FB904	1-469-144-21	FERRITE, EMI (SMD) (2012)			
		< IC >			
IC902	6-705-602-01	IC MM1623BFBE			
IC903	8-759-696-10	IC NJM2235V (TE2)			
		< JACK >			
J903	1-566-891-21	JACK (PHONES)			
J904	1-818-766-11	JACK, PIN 2P (VIDEO(VIDEO IN)/SAT(VIDEO IN))			
J908	1-818-634-11	JACK, PIN 1P (DIR-T1)			

VIDEO-I/O

Ref. No.	Part No.	Description				Remark
		< COIL >				
L901	1-410-387-11	INDUCTOR	33uH			
L902	1-469-144-21	FERRITE, EMI (SMD) (2012)				
L903	1-410-387-11	INDUCTOR	33uH			
L904	1-469-144-21	FERRITE, EMI (SMD) (2012)				
L905	1-469-525-91	INDUCTOR	10uH			
L906	1-469-525-91	INDUCTOR	10uH			
		< TRANSISTOR >				
Q903	8-729-920-31	TRANSISTOR	DTC343TK			
Q904	8-729-920-31	TRANSISTOR	DTC343TK			
Q905	8-729-920-31	TRANSISTOR	DTC343TK			
Q906	8-729-920-31	TRANSISTOR	DTC343TK			
Q907	1-801-806-11	TRANSISTOR	DTC144EKA (AEP, UK, RU)			
Q908	8-729-027-23	TRANSISTOR	DTA114EKA-T146			(AEP, UK, RU)
Q909	1-801-806-11	TRANSISTOR	DTC144EKA (AEP, UK, RU)			
Q910	8-729-027-23	TRANSISTOR	DTA114EKA-T146			(AEP, UK, RU)
Q911	8-729-422-27	TRANSISTOR	2SD601A-Q (AEP, UK, RU)			
Q912	1-801-806-11	TRANSISTOR	DTC144EKA (AEP, UK, RU)			
Q913	1-801-806-11	TRANSISTOR	DTC144EKA			
		< RESISTOR >				
R905	1-216-864-11	SHORT CHIP	0 (AEP, UK, RU)			
R906	1-216-864-11	SHORT CHIP	0 (AEP, UK, RU)			
R907	1-216-864-11	SHORT CHIP	0 (AEP, UK, RU)			
R909	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)			
R910	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)			
R911	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)			
R915	1-216-805-11	METAL CHIP	47	5%	1/10W	
R916	1-216-805-11	METAL CHIP	47	5%	1/10W	
R917	1-216-833-11	METAL CHIP	10K	5%	1/10W	(EXCEPT AEP, UK, RU)
R919	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R921	1-216-864-11	SHORT CHIP	0 (AEP, UK, RU)			
R923	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	(AEP, UK, RU)
R924	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	(AEP, UK, RU)
R925	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	(AEP, UK, RU)
R926	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	(AEP, UK, RU)
R927	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R928	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	(AEP, UK, RU)
R929	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	(AEP, UK, RU)
R930	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R933	1-216-805-11	METAL CHIP	47	5%	1/10W	
R934	1-216-805-11	METAL CHIP	47	5%	1/10W	
R936	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R937	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)			
R938	1-216-864-11	SHORT CHIP	0 (AEP, UK, RU)			
R941	1-216-815-11	METAL CHIP	330	5%	1/10W	(AEP, UK, RU)
R942	1-216-815-11	METAL CHIP	330	5%	1/10W	(AEP, UK, RU)
R943	1-216-815-11	METAL CHIP	330	5%	1/10W	(AEP, UK, RU)
R944	1-216-815-11	METAL CHIP	330	5%	1/10W	(AEP, UK, RU)
R945	1-218-285-11	METAL CHIP	75	5%	1/10W	
R947	1-216-849-11	METAL CHIP	220K	5%	1/10W	(AEP, UK, RU)
R948	1-216-841-11	METAL CHIP	47K	5%	1/10W	(AEP, UK, RU)
R949	1-218-285-11	METAL CHIP	75	5%	1/10W	
R956	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)			
R957	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)			
R958	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R960	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)			
R961	1-216-864-11	SHORT CHIP	0 (EXCEPT AEP, UK, RU)			
R962	1-216-864-11	SHORT CHIP	0 (AEP, UK, RU)			
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		MISCELLANEOUS				
		**********				
2	1-787-199-11	FAN, DC				
4	1-469-241-11	CORE, FERRITE (RFC-8 BK) (EXCEPT CND)				
5	1-468-838-11	REGULATOR, SWITCHING BOARD				(US, CND, MX)
5	1-468-839-12	REGULATOR, SWITCHING BOARD				(EXCEPT US, CND, MX)
⚠8	1-575-651-81	CORD, POWER (AEP, RU, SP, E41)				
⚠8	1-751-522-11	CORD, POWER (UK, EA, HK)				
⚠8	1-769-079-13	CORD, POWER (KR)				
⚠8	1-783-532-71	CORD, POWER (US, CND)				
⚠8	1-824-534-11	CORD, POWER (MX)				
9	1-827-996-11	WIRE (FLAT TYPE) (9 CORE)				
10	1-828-353-11	WIRE (FLAT TYPE) (17 CORE)				
11	1-791-112-11	WIRE (FLAT TYPE) (11 CORE)				
13	1-828-328-11	WIRE (FLAT TYPE) (13 CORE)				(EXCEPT AEP, UK, RU)
13	1-828-338-11	WIRE (FLAT TYPE) (15 CORE) (AEP, UK, RU)				
14	1-769-944-11	WIRE (FLAT TYPE) (11 CORE)				(EXCEPT AEP, UK, RU)
14	1-773-008-11	WIRE (FLAT TYPE) (15 CORE) (AEP, UK, RU)				
15	1-693-603-31	TUNER (FM/AM) (EA, SP, HK, MX, E41)				
15	1-693-604-11	TUNER (FM/AM) (AEP, UK, RU)				
15	1-693-605-11	TUNER (FM/AM) (KR)				
15	1-693-623-31	TUNER (FM/AM) (US, CND)				
16	1-828-368-11	WIRE (FLAT TYPE) (21 CORE)				(EXCEPT AEP, UK, RU)
17	1-828-378-11	WIRE (FLAT TYPE) (23 CORE) (AEP, UK, RU)				
52	X-2024-490-1	ASSY, PANEL (R) U (US)				
54	X-2024-488-1	ASSY, PANEL (F) U (US)				
56	X-2024-489-1	ASSY, PANEL (L) U (US)				
SP1	1-825-965-11	SPEAKER (18cm)				

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REVISION HISTORY

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Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2004.08	New